ΟΛΥΜΠΙΑ ΔΩΜΑΤΑ.

OR AN

ALMANACK

for the Year of our

LORD GOD

1684.

Being the Biſſextile or Leap-year, and from the Worlds Creation, 5633.

Wherein is contained the Lunations, conjunctions and Aſpects of the Planets, the increaſe, decreaſe and length of the day and night, with the riſing, ſouthing and ſetting of the Planets, and Fixed Stars throughout the Year, whereby may be known the true hour of the night at all times, when either the Moon or Stars are ſeen.

Calculated according to Art and referred to the Horizon of the ancient and renowned Borrough-Town of *Stamford*, whoſe Longitude is 23 deg. 50 minutes, Latitude 52 deg. 40 min. fitting all the middle Counties of ENGLAND, and without ſenſible errour the whole Kingdom.

By *JOHN WING* Mathemat.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the Univerſity, 1684.

Common Notes for this present Year, according to the

Julian, English or old account.		*Gregorian* or new account.
13	The Golden number	13
13	The Cycle of the Sun	13
23	The Epact	13
[illegible]	The Dominical Letters	[illegible]
7	The *Roman* Indiction	7

The Terms and their returns this Year.

Hillary Term begins *Jan.* 23, and ends *February* 13, and hath 4 returns, *viz.*

- Octab. Hilar. Jan. 21.
- Quind. Hilar. Jan. 28.
- Craſt. Purif. Febr. 4.
- Octab. Purif. Febr. 10.

Easter Term begins *April* 16, and ends *May* 12, and hath 5 returns, *viz.*

- Quind. Paſch. Apr. 14.
- Tres Paſch. Apr. 21.
- Menſ. Paſch. Apr. 28.
- Quinq; Paſch. May 5.
- Craſt. Aſcen. May 9.

Trinity Term begins *May* 30, and ends *June* 18, and hath 4 returns, *viz.*

- Craſt. Trin. May 26.
- Octab. Trin. June 2.
- Quind. Trin. June 9.
- Tres Trin. June 16.

Michaelmas Term begins the 23 of *October*, and ends the 28 of *Novemb.* and hath 6 returns, *viz.*

- Tres Mich. Octob. 20.
- Menſ. Mich. Octob. 27.
- Craſt. Anim. Nov. 3.
- Craſt. Mart. Nov. 12.
- Octab. Mart. Nov. 18.
- Quind. Mart. Nov. 25.

The bright and glorious Planet *Venus* is our evening Star untill the 26 day of *Auguſt*, from thence to the end of the Year ſhe becomes our morning Star.

A plain and eaſie Table ſhewing the true Intereſt due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

	1 month			3 months			6 months			9 months			A Year.		
	ſh.	*p.*	*q.*	*ſh.*	*p.*	*q.*	*ſh.*	*p.*	*q.*	*ſh.*	*p.*	*q.*	*ſh.*	*p.*	*q.*
Shill. 5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	2
Pounds. 1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	po.	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*p.*	*ſh.*	*p.*
Tens of Pounds. 10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the Principal in the firſt Column, and in the other you have the Intereſt due for one, three, ſix, nine, or twelve months.

A Regal Table in a more exact manner.

The Year, Moneth, and Day, (accounting the Year to begin *Jan.* 1.) whereon every K. and Q. of *Eng.* since the Conq. began their reign.			The number of Years, Moneths, & Days, that every K. & Q. reign. 28 da. to a mon.					The num. of y. expired in this y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20 y	11 m	22 d	618				
W. Rufus	1087	Sept. 9	12 y	11 m	18 d	597	W Conq.			
Henry 1	1100	August 1	35 y	4 m	11 d	584	W. Rufus			
Stephen	1135	Decem. 2	18 y	11 m	18 d	549	Henry	1		
Henry 2	1154	Octob. 25	34 y	9 m	2 d	530	Stephen			
Richard 1	1189	July 6	9 y	9 m	0 d	495	Henry	2		
John	1199	April 6	17 y	7 m	0 d	485	Richard	1		
Henry 3	1216	Octob. 19	56 y	1 m	0 d	468	John			
Edward 1	1272	Nov. 16	34 y	8 m	6 d	412	Henry	3		
Edward 2	1307	July 7	19 y	7 m	5 d	377	Edward	1		
Edward 3	1327	Jan. 25	50 y	5 m	7 d	357	Edward	2		
Richard 2	1377	June 21	22 y	3 m	14 d	307	Edward	3		
Henry 4	1399	Sept. 29	13 y	6 m	3 d	285	Richard	2		
Henry 5	1413	Marc. 20	9 y	5 m	24 d	271	Henry	4		
Henry 6	1422	Aug. 31	38 y	6 m	16 d	262	Henry	5		
Edward 4	1461	March 4	22 y	1 m	8 d	223	Henry	6		
Edward 5	1483	April 9	0 y	2 m	18 d	201	Edward	4		
Richard 3	1483	June 22	2 y	2 m	5 d	201	Edward	5		
Henry 7	1485	Aug. 22	23 y	10 m	24 d	199	Richard	3		
Henry 8	1509	April 22	37 y	10 m	2 d	175	Henry	7		
Edward 6	1547	Jan. 28	6 y	5 m	19 d	137	Henry	8		
Q. Mary	1553	July 6	5 y	4 m	22 d	131	Edward	6		
Q. Elizab.	1558	Nov. 17	44 y	4 m	15 d	126	Q. Mary			
K. James	1603	Mar. 24	22 y	0 m	9 d	81	Q. Elizab.			
Charles 1	1625	Mar. 27	22 y	10 m	3 d	59	K. James			
Charles 2	1649	Jan. 30	Long live the King			35	K. Charles	2		

God save King CHARLES *his Foes destroy,*
And such as do his Realms annoy.

1. Pet. 2. 17.

Fear GOD. Honour the KING.

To

To find the true time of the Suns rising and setting.

IN the third Column of the Almanack amongst the Festival Days you have the hour and minute of the Suns rising and setting set down every fifth or sixth day in the Year.

To find the time of the Moons coming to the South.

IN the following Table you have the hour and minute of the Moons coming to the South, ready set down against the day of the month, for every day in the Year, therefore find your month on the top of the Table, and your day in the first row on the left hand under the title, Days; and in the angle of meeting you have the time of her Southing desired. As upon the first day of *January* you may find by the Table that the Moon will be South at 12 min. past 7 in the morning, the 2 day at 10 min. past 8, and so on.

To find the time of the Moons rising and setting.

TO find the time of the Moons rising or setting look in the last Column of the left hand Page of the Almanack, under the title, The Moons rising and setting, and right against the day of the month, you have the same without any further trouble, it being so easie I think it needless to explain it any further.

To find the time of high Water at *London* bridge.

TO find the time of High Water at *London* Bridge, look in the second Column of the right hand Page of the Almanack, and against the day of the month you will find the hour and minute of High Water at *London*.

A Table shewing the hour and minute of the Moon coming to the South the first six Months of this Year, 1684.

D.	*Jan.*	*Feb.*	*Mar.*	*April*	*May*	*June*
1	7 M 12	8 M 43	8 M 29	9 M 38	9 M 48	10 M 40
2	8 10	9 38	9 19	10 19	10 32	11 29
3	9 7	10 29	10 3	10 59	11 15	12 23
4	10 0	11 15	10 49	11 41	12 0	1 A 13
5	10 51	12 2	11 32	12 34	0 A 49	2 7
6	11 50	0 A 45	12 13	1 A 9	1 39	2 59
7	12 42	1 29	0 A 55	1 56	2 30	3 46
8	1 A 30	2 10	1 38	2 43	3 23	4 40
9	2 11	2 51	2 20	3 35	4 15	5 28
10	2 56	3 36	3 4	4 26	5 7	6 17
11	3 35	4 16	3 53	5 20	5 58	7 9
12	4 19	5 2	4 44	6 13	6 48	7 58
13	5 1	5 51	5 33	7 5	7 37	8 51
14	5 42	6 41	6 25	7 58	8 26	9 48
15	6 26	7 35	7 21	8 49	9 20	10 48
16	7 13	8 29	8 15	9 42	10 15	11 48
17	8 0	9 26	9 10	10 33	11 12	12 45
18	8 45	10 24	10 3	11 48	12 11	0 M 40
19	9 50	11 17	10 57	11 38	0 12	1 37
20	10 47	12 1	11 51	12 38	1 M 23	2 25
21	11 43	0 M 29	12 15	1 M 52	2 10	3 25
22	11 58	1 12	0 M 55	2 42	3 14	4 —
23	0 M 48	2 6	1 51	3 40	4 5	4 50
24	1 37	3 0	2 0	4 34	4 51	5 35
25	2 33	3 56	3 48	5 24	5 46	6 13
26	3 22	4 52	4 46	6 13	6 15	6 56
27	4 15	5 59	5 41	7 9	6 59	7 39
28	5 7	6 41	6 33	7 42	7 40	8 25
29	6 2	7 32	7 33	8 19	8 20	9 15
30	6 56		8 9	8 3	8 9	10 6
31	7 57		8 55		9 47	

A

A Table shewing the hour and minute of the Moons coming to the South the last six Months of this Year, 1684.

D.	July		Aug.		Sept.		Octob.		Nov.		Dec.	
1	10	M 58	12	M 26	1	A 50	2	A 34	4	A 16	4	A 36
2	11	53	1	A 16	2	45	3	35	5	13	5	23
3	12	43	2	8	3	40	4	30	6	7	6	8
4	1	A 35	2	59	4	35	5	17	6	48	6	49
5	2	27	3	52	5	29	6	13	7	37	7	30
6	3	15	4	44	6	24	7	10	8	20	8	12
7	4	1	5	40	7	15	8	9	9	0	8	55
8	4	54	6	33	8	7	8	56	9	41	9	40
9	5	43	7	29	8	55	9	40	10	27	10	25
10	6	36	8	27	9	40	10	25	10	50	11	14
11	7	29	9	23	10	26	11	1	11	14	12	3
12	8	27	10	17	11	10	11	45	12	40	0	M 3
13	9	26	11	9	11	50	12	9	0	M 40	0	57
14	10	23	11	57	12	30	0	M 10	1	29	1	44
15	11	10	12	44	0	M 30	1	3	2	17	2	35
16	12	14	0	M 47	1	10	1	52	3	10	3	27
17	0	M 17	1	23	1	56	2	47	3	59	4	13
18	1	5	2	6	2	41	3	38	4	45	5	0
19	1	50	2	47	3	32	4	34	5	40	5	47
20	2	33	3	30	4	27	5	29	6	31	6	38
21	3	22	4	17	5	21	6	21	7	19	7	27
22	4	5	5	6	6	20	7	15	8	12	8	22
23	4	46	5	52	7	16	7	51	9	0	9	21
24	5	28	6	43	8	14	8	40	9	40	10	20
25	6	15	7	28	9	8	9	36	10	52	11	24
26	7	4	8	27	10	5	10	28	11	51	12	21
27	7	54	9	21	10	59	11	23	12	50	1	A 18
28	8	46	10	16	11	49	12	10	1	A 51	2	12
29	9	40	11	10	0	A 42	0	A 57	2	52	3	2
30	10	35	12	5	1	37	2	5	3	40	3	36
31	11	22	0	A 56			3	22			4	31

January hath xxxi days.

● New moon the 6 day, 40 min. past 6 at night.
☽ First quarter the 14 day, 30 min. past 7 at night.
○ Full moon the 22 day, 7 min. past 9 in the morn.
☾ Last quarter the 28 day, 50 min. past 10 at night.

1	a	Circumcision	♏	16	✶☉☽9. ✶♃☽11	2 m	3	☽ rising.
2	b	Abel	♐	0	△☉♃. ▨♄☽6.	3	29	
3	c	Sun ris. 8. 6.		14	☍♄♂. □♃☽15.	4	47	
4	d	Methusalem		27	△♄☽11. Very cold	5	52	
5	e	Simeon	♑	10	▨♃☿. with tem	6	56	
6	f	Epiphany		24	☉ *Eclipsed, not seen.*	New	●	
7	g	Julian	♒	7	pest of snow or rain	5 A	6	
8	a	Sun set. 4. 3.		19	Still cold with frost.	6	4	
9	b	Marcell.	♓	2	☌☉☿. ☍♄☽3.	7	6	
10	c	Paul Erem.		14	☍♃☽18. A sharp	8	11	
11	d	Sun ris. 7. 53.		26	✶☿☽16. air and	9	15	
12	e	Satyrius	♈	7	☽ Apog. freez. for	10	20	Moons setting.
13	f	1 after Epiph.		19	✶♀☽0 some days.	11	27	
14	g	Sun set. 4. 11.	♉	1	△♄☽2. ✶♂☽23	12	30	
15	a	Maurus		13	△♃☽18. ▨♀☽16	1 m	25	
16	b	Marcell.		25	▨♄☽14. Variable.	2	27	
17	c	Anthony	♊	8	□♂☽13. △☿☽11.	3	30	
18	d	Sun ris. 7. 41.		21	□♃☽3. △☿☽10	4	33	
19	e	Pontian	♋	4	△♂☽22. More	5	49	
20	f	2 after Epiph.		18	☽☊. ✶♃☽8.	6	47	
21	g	Agnes	♌	2	mild than at the	7	37	
22	a	Sun set. 4. 25.		16	☍☿☽10. begin-	Full	●	
23	b	Term begins	♍	1	☍♄♀. ☍♀☽2.	5 A	41	
24	c	Timothy		15	☍♂☽7. ning.	6	56	
25	d	Conv. S. Paul	♎	0	Remission of cold	8	25	
26	e	Sun ris. 7. 27.		14	☽ Perig. with a tem-	9	36	Moons rising.
27	f	Septuagesima		27	☍♃♂. ✶♄☽5.	11	1	
28	g	Carolus m.	♏	13	☍♄☿. ✶♃☽15.	12	13	
29	a	Samuel		26	▨♃☽8. ▨☿☽14	1 m	15	
30	b	K. Ch. I. mart.	♐	10	▨♃☽18. perate air	2	23	
31	c	Sun set. 4. 40.		23	u ab. to the season.	3	41	

January 1684.

The { 6 day at 1 afternoon ☿. / 7 day at midnight ♀ / 10 day at 2 in the morn. ♂ / 23 day at 3 afternoon ♄ / 24 day at 10 at night ♈ } is with the Moon.

1	10	M 18	*Saturn* south 50 min. past 2 in the morn.
2	11	16	*Saturn* riseth at 8 at night.
3	12	13	*Jupiter* riseth 30 min. past 9 at night.
4	1	A 6	Seven Stars south 40 min. past 7 at night.
5	1	57	Day 8 hours long.
6	2	56	
7	3	48	
8	4	36	*God grant there be no distractions amongst us.*
9	5	17	*Nihil difficilius vitari potest quàm fatum, &
10	6	2	adversus imminentia & impendentia male mul-
11	6	41	lum valet remedium.*
12	7	25	
13	8	7	
14	8	48	*Jupiter* south 5 min. past 3 in the morn.
15	9	32	*Mars* sets 35 min. past 5 at night.
16	10	19	Day 8 hours and an half long.
17	11	6	*Aldebaran* south 37 min. past 7 at night.
18	11	51	*Aldebaran* sets at 3 in the morning.
19	12	56	
20	1	M 53	
21	2	47	
22	3	4	
23	4	0	*Tempora mutantur & nos mutamur in illis.*
24	4	43	Great Dog south 21 min. past 9 at night.
25	5	39	Day 9 hours long.
26	6	28	*Saturn* riseth 10 min. past 6 at night.
27	7	21	*Jupiter* riseth 56 min. past 7 at night.
28	8	13	*Venus* sets 15 min. past 5 at night.
29	9	8	
30	10	2	
31	10	58	

● New moon the 5 day, at 2 min. past 11 before.
☽ First quart. the 13 day, at 3 afternoon.
● Full moon the 20 day, at 6 at night.
☾ Last quarter 27 day, at 20 m. past 8 in the morning.

M.	D.	Ho. days with Suns ris & set.	Moons Signs.	Planets Aspects & change of Air.	Moons ris & setting.	
1	D	Sun ris. 7. 16.	♍	7 △♄☽. ✶☿☽ 12.	4 M 53	☽ rising.
2	☿	Purif. B. Mary		20 ☽☊. △♍☽ 2.	5 40	
3	♂	Sexagesima	♒	3 Cold showers of	6 17	
4	♀	Veronica		15 rain or snow about	7 0	
5	♁	Agatha		28 ☌♄☽ 6. this time.	New ☽	
6	♃	Sun set. 5. 6.	♓	10 ☌♍☽ 20.	6 A 38	
7	♄	Zachary		22 ☌♍☿. Cloudy	7 30	
8	♅	Salome	♈	4 ☌☉♄. with snow	8 25	
9	♆	Apollon		16 ☽ Apog. and frost.	9 40	
10	☽	Shrove-sund.		28 ☌♍☿. △♄☽ 6.	10 53	Moons setting.
11	♀	Sun ris. 6. 59.	♉	10 △♍☽ 20. ✶☿☽ 22	12 10	
12	♁	Shreve Tuesday		22 ☒♄☽ 17. ✶☿☽ 11	0 M 10	
13	♃	Term ends	♊	4 ✶☌☽ 3. Moderate	1 20	
14	♄	Valentine		16 ☒♅☽ 6. weather.	2 27	
15	♅	Sun set. 5. 10.		29 ☒☌☽ 16. ☒☿☽ 3.	3 41	
16	♆	Juliana	♋	12 ✶♅☽ 12. △☿☽ 16	4 40	
17	☽	1 Sund. Lent		26 ☽☊. △☌☽ 22.	5 21	
18	♀	Concord	♌	10 Frost with Sun-	5 41	
19	♁	Sim. Apo.		24 shine-days.	6 5	
20	♃	Sun ris. 6. 40.	♍	9 ☌♍☿. ☌☿☽.	Full ●	
21	♄	Elaias		24 ☌☿☽ 23. The wea.	6 A 40	
22	♅	Cathedr. Petr.	♎	9 ☌☌☽ 5. not so rug-	7 51	Moons rising.
23	☿	Sun set. 5. 27.		24 ☌☉☿. ✶♄☽ 9. ged	9 18	
24	♂	2 Sund. Lent	♏	9 ☽ Perig. as at the	10 40	
25	♇	S. Matthias		23 ☒♄☽ 10. beginning	11 55	
26	♀	Sun ris. 6. 26.	♐	7 ☌☉♍. ☒♍☽ 18.	12 12	
27	♁	Nestor		21 △♄☽ 16. Change	0 m 12	
28	♃	Fortuna	♑	4 ☌☌☿. ✶☿☽ 11.	2 19	
29	☿	Sun set. 5. 35.		17 able weather.	3 45	

The { 7 day at 1 in the morn. ☿ / 7 day at 8 in the morn. ♀ / 8 day at 6 in the morn. ♂ / 19 day at 9 at night ♄ / 21 day at 3 in the morn. ♃ } is with the Moon.

M.D.	High water at *London* Bridge. H.	M.	
1	11 M	49	Day 9 hours and an half long.
2	12	44	*Mars* sets at 6 at night.
3	1 A	35	Seven Stars south 40 min. past 5 at night.
4	2	21	Seven Stars sets 50 m. past 1 in the morn.
5	3	8	
6	3	51	
7	4	35	
8	5	16	
9	5	57	
10	6	42	Day 10 hours long.
11	7	22	*Saturn* riseth at 5 at night.
12	8	8	Virgins Spick south 44 m. past 2 in the mor.
13	8	57	Virgins Spick riseth 29 m. past 9 at night.
14	9	47	Great Dog south at 8 at night.
15	10	41	Great Dog sets 30 min. past midnight.
16	11	35	Day 10 hours and an half long.
17	12	32	*Saturn* south 30 min. past 11 at night.
18	1 M	30	
19	2	23	
20	3	7	
21	3	35	
22	4	18	Day 11 hours long.
23	5	12	*Jupiter* riseth at 6 at night.
24	6	6	*Venus* sets 8 min. past 6 at night.
25	7	2	*Arcturus* south 50 min. past 2 in the morn.
26	7	58	*Arcturus* riseth 48 min. past 6 at night.
27	9	5	*Jupiter* south at midnight.
28	9	50	
29	10	45	

March hath xxxi days.

● New moon the 6 day, 50 min. past 4 in the morn.
☽ First quarter 14 day, 10 min. past 7 in the morn.
● Full moon the 21 day, at 3 in the morning.
☾ Last quarter the 27 day, 22 min. past 8 at night.

1	d	David	♍	29	☽ ☌ ☿. Unconstant	4	M	31		
2	e	3 Sund. Lent	♒	12	✶ ♂ ☽ 13. ✶ ♀ ☽ 18.	5		7		
3	f	Sun set. 5. 54.		24	♂ ♄ ☽ 8. weather.	5		48		
4	g	Adrian	♓	6	♂ ♐ ☽ 20. Some	6		1		
5	a	Eusebius		18	cold showers of	6		23		
6	b	Frederick	♈	1	☽ Apog. rain or	New		☽		
7	c	Sun rise. 6. 6.		12	snow near this	7	A	2		
8	d	Cyprian		24	△ ♄ ☽ 8. time.	8		9		
9	e	Midlent Sun.	♉	6	△ ♄ ♀. Pleasant	9		20		
10	f	Sun set. 6. 0.		18	▨ ♄ ☽ 20. weather	10		32		
11	g	Cuthbert	♊	0	▨ ☿ ☽ 14. for some	11		45		
12	a	Gregory		12	▨ ♃ ☽ 7. days.	12		54		
13	b	Ernestus		25	✶ ♄ ☽ 7. ✶ ♂ ☽.	☌	M	54		
14	c	Sun rise. 5. 51.	♋	7	☽ ☊. △ ☿ ☽ 2. Now	1		57		
15	d	Longinus		20	△ ♄ ♂. expect	2		58		
16	e	5 Sund. Lent	♌	4	▨ ♂ ☽ 15. moderate	3		40		
17	f	Gertrude		18	▨ ♀ ☽. △ ♂ ☽.	4		25		
18	g	Gabriel	♍	2	△ ♀ ☽ 12. showers.	4		59		
19	a	Joseph		17	A temperature of	5		35		
20	b	Sun set. 6. 21.	♎	3	☽ Perig. the air for	6		18		
21	c	Benedict		18	✶ ♄ ☽ 17. some days.	Full		●		
22	d	Paulinus	♏	3	☌ ☿ ☌. ☌ ☌ ☽. ☌ ☽	7	A	44		
23	e	Palm-sunday		18	△ ♐ ♀. ▨ ♄ ☽ 17.	8		55		
24	f	Sun rise. 5. 31.	♐	3	✶ ☿ ☿. ▨ ♐ ☽ 20.	☾		9		
25	g	Lady day		17	△ ♄ ☽ 19. ▨ ☿ ☽ 2	11		40		
26	a	Castulus	♑	1	▨ ♂ ☽ 11. Showers.	12		58		
27	b	Jo. Erem.		24	△ ♐ ☽ 1. △ ♀ ☽ 14.	☌	M	58		
28	c	Sun set. 6. 38.		26	☽ ☌. ▨ ♂ ☽ 22.	1		40		
29	d	Eustachius	♒	9	Winds with rain.	2		30		
30	e	Easter day		21	☌ ♄ ☽ 12 ▨ ♀ ☽ 5.	3		21		
31	f	Balbina	♓	3	♂ ♐ ☽. ✶ ♂ ☽.	4		13		

Drif.

Moons setting.

Moons rising.

The { 4 day at 1 afternoon ☿ / 8 day at 9 in the morn. ♂ / 8 day at 6 at night ♀ / 18 day at 4 in the morn. ♄ / 18 day at 8 in the morn. ♌ } is with the Moon.

1	11		35	
2	12		42	Day 11 hours and an half long.
3	1	A	35	Leſſer Dog ſouth 45 min. paſt 7 at night.
4	2		15	Leſſer Dog ſets 17 min. paſt 2 in the morn.
5	2		49	*O bruiſh actions!*
6	3		27	*Momentaneum eſt quod delectat, æternum quod*
7	4		3	*cruciat.*
8	4		44	
9	5		26	Seven Stars ſets 30 min. paſt 11 at night.
10	6		10	Day 12 hours long.
11	6		59	Scorpions Heart ſouth at 4 in the morn.
12	7		50	Scorpions Heart riſeth at midnight.
13	8		39	
14	9		31	
15	10		27	
16	11		21	*Saturn* ſouth 40 min. paſt 10 at night.
17	12		16	Day 12 hours and an half long.
18	1	M	9	*Mars* riſeth with the Sun.
19	2		3	Great Dog ſouth at 6 at night.
20	2		57	Great Dog ſets 30 min. paſt 10 at night.
21	3		21	
22	4		2	
23	4		57	
24	5		55	Day 13 hours long.
25	6		54	*Jupiter* ſouth 6 min. paſt 10 at night.
26	7		53	Seven Stars ſets 40 min. paſt 10 at night.
27	8		47	*Præcepe* ſouth 20 min. paſt 7 at night.
28	9		39	*Præcepe* ſets at 3 in the morning.
29	10		27	
30	11		15	
31	12		1	

April hath xxx days.

● New moon the 4 day, at 10 at night.
☽ First quarter the 12 day, 5 min. past 8 at night.
● Full moon 19 day, at 42 min. past 10 in the morn.
☾ Last quarter the 26 day, 7 min. past 10 beforenoon.

1	g	Theodote	♓	15	☌♃☽. ✶☌☽ 12.	4	M	33
2	a	Sun ris. 5. 12.		27	☐♄♀. ✶♀☽.	5		0
3	b	Chrisitan	♈	9	Cold rain or hail.	5		30
4	c	Ambrose		21	☽ Apog. △♄☽ 13.	New ☽		
5	d	Sun set. 6. 55	♉	3	△♃☌. △♃☽ 20.	7	A	10
6	e	Low Sunday		15	△☉♄. Pleasant	8		50
7	f	Celestin		27	☒♄☽ o. with some	9		31
8	g	Dionys.	♊	9	☒♃☽ 8. moderate	10		50
9	a	Sun ris. 4. 58.		21	✶♄☽ 11. showers.	11		42
10	b	Ezechiel	♋	4	✶♃☽ 17. ☒♀☽ 13.	12		15
11	c	Leon.		16	☽☊. ✶☌☽ 2. Fair	○	M	15
12	d	Sun set. 7. 8.		29	✶♀☽ 19. and plea	1		11
13	e	2 Sun. af. East.	♌	13	☒☌☽ 11. △♀☽ 10	2		7
14	f	Tiburtius		26	sant weather for	2		56
15	g	Olympia	♍	11	□♃♀. many days	3		27
16	a	Tarm begins		26	together.	3		58
17	b	Sun ris. 4. 41	♎	11	△♀☽ 7. ☌♀☽ 20.	4		32
18	c	Apollon		26	☽ Perig. ✶♄☽ 2.	5		8
19	d	Timothy	♏	11	△♄♀. ✶♃☽.	Full ●		
20	e	3 after Easter		26	□♄☽ 1. Expect	8	A	5
21	f	Sun set. 7. 24.	♐	11	☒♃☽ 3. ☌♀☽ 16.	9		57
22	g	Emmanuel		25	△☉♃. △♄☽ 3.	11		10
23	a	S. George	♑	9	△♃☽ 7. winds with	12		8
24	b	Sun ris. 4. 30.		22	☒♄☌. △☌☽ 8.	○	M	8
25	c	S. Mark Evan.	♒	5	☽☍☿. ☒☿☽ 5. show-	0		51
26	d	Cletus		18	☌♄☽ 10. □☌☽ 21	1		40
27	e	4 after Easter	♓	0	△♃♀. ers.	2		5
28	f	Sun set. 7. 35.		12	✶♄♀. ☌♃☽ 1.	2		47
29	g	Sibylla		24	✶☌☽ 13. ☒♀☽ 11	3		0
30	a	Josua	♈	6	Good weather end:	3		26
					the month.			

Moons rising.

Moons rising.

The { 2 day at 2 afternoon ☿ / 6 day at 10 beforenoon ♂ / 8 day at 1 in the morn. ♀ / 14 day at 1 afternoon ♄ / 15 day at 4 after noon ♃ } is with the Moon.

1	12	A	44
2	1		25
3	2		5
4	2		47
5	3		42
6	4		15
7	5		2
8	5		49
9	6		41
10	7		32
11	8		26
12	9		19
13	10		11
14	11		2
15	11		55
16	12		48
17	1	M	39
18	2		34
19	2		54
20	3		44
21	4		58
22	5		48
23	6		46
24	7		40
25	8		30
26	9		19
27	10		6
28	10		54
29	11		25
30	12		9

Day 13 hours and an half long.
Saturn south 28 min. past 8 at night.
Saturn sets at 4 in the morning.
Seven Stars sets 6 min. past 10 at night.

Day 14 hours long.
North *Asellus* south 33 min. past 6 at night.
North *Asellus* sets 44 m. past 2 in the morn.
Lyons Heart south 22 m. past 7 at night.
Lyons Heart sets 32 m. past 2 in the morn.

Jupiter south 40 min. past 8 at night.
Day 14 hours and an half long.
Virgins Spick south 42 min. past 10 at night
Virgins Spick sets at 4 in the morning.

Day 15 hours long.
Venus sets 35 min. past 8 at night.
Nunquam utilis nimia satietas, sæpe inutilis nimia abstinentia.
Mars sets near 11 at night.

May hath xxxi days.

● New moon the 4 day, 40 min. past 1 afternoon
☽ First quart. the 12 day, at 5 in the morning.
○ Full moon the 18 day, 28 min. past 6 at night.
☾ Last quarter the 26 day, 12 min. past 1 in the morn.

1	h	Philip & Jac.	♈	18	☌ ☉☿. △☿ ☽ 18.	3	M	50	
2	c	Sun rif. 4. 17	♉	0	☽ Apog. ✶♀ ☽ 4.	4		2	
3	d	Invent. Cruc.		12	△♆ ☽ 1. Dry hot	4		21	
4	e	5 after Eafter		24	□♄☿. ▨♄ ☽ 6.	New		☽	
5	f	Sun fet. 7. 48.	♊	6	▨♆ ☽ 12. Expect	8	A	33	
6	g	Jo. Port, Lat.		18	✶♄ ☽ 16. wind	9		46	
7	a	Juvenal	♋	1	▨☉♄. with fhowers.	10		35	
8	b	Aſcenſion day		13	☌♂♀. Heat with	11		31	
9	c	Sun rif. 4. 8.		26	☽ ☊. ✶♂ ☽ 20.	12		23	
10	d	Pancrat.	♌	9	✶♀ ☽ 1. thunder	0	M	23	
11	e	Sun. aft. Aſcen.		23	✶♆♀. & lightning.	1		5	
12	f	Term ends	♍	7	▨♆♀. Some rain.	1		31	
13	g	Sun fet. 7. 53.		21	Very hot weather.	2		6	
14	a	Fortuna	♎	5	△♂ ☽ 8. ▨♀ ☽ 18.	2		29	
15	b	Sophia		20	☽ Perig. △☿ ☽ 0.	2		57	
16	c	Sun rif. 4. 2.	♏	5	✶♅ ☽ 14. △♀ ☽ 23	3		35	
17	d	Jodocus		20	□♄☽ 14. Thunder	4		8	
18	e	Whit-ſunday	♐	5	▨♆♂. ▨♆ ☽ 14.	Full		○	
19	f	Sun rif. 3. 55.		20	✶♄♀. △♄ ☽ 13.	8	A	9	
20	g	Barnard	♑	4	△♅ ☽ 16. and rain	10		15	
21	a	Prudent		18	☽♍. ☌♀ ☽ 11.	10		56	
22	h	Helena	♒	1	with tempeſt, much	11		30	
23	c	Sun ſet. 8. 10.		14	△♂ ☽ 6. lightning	11		59	
24	d	Eſther		27	▨☉♆. ☌♄ ☽ 3.	12		25	
25	e	Trinity Sund.	♓	9	☌♅ ☽ 11. ▨♂ ☽ 20.	0	M	25	
26	f	Sun rif. 3. 47		21	△♀ ☽ 17. and hot	0		57	
27	g	Beda	♈	3	□☿ ☽ 15. weather.	1		17	
28	a	Wilhelm.		15	☽ Apog. Pleaſant	1		49	
29	b	K. Char. 2 Nat.		27	△♄ ☽ 4. ✶♀ ☽ 12	2		0	
30	c	Term begins	♉	8	△♆ ☽ 13. drops of	2		19	
31	d	Sun ſet. 8. 17.		21	✶♆♀. rain.	2		41	

Moons rising. Moons ſetting.

D	♄	♃	♂	☿	☉	☾	Lat.
1	27 ♌ 19	12 ♍ 53	1 ♊ 41	1 ♋ 21	21 ♉ 28	5 M	13
6	27 28	12 58	5 87	1 1	♊ 44	1	53
11	27 38	13 98	35	12 36	12 ♌ 2	2 S	57
16	27 51	13 23	12 2	18 9	21 53	5 d	4
21	28 7	13 41	15 28	23 38	♋ 54	☊	4
26	28 26	14 5	18 52	29 18	22	4 M	40

1	12	36
2	1	24
3	2	12
4	3	0
5	3	48
6	4	36
7	5	24
8	6	12
9	7	0
10	7	48
11	8	36
12	9	24
13	10	12
14	11	0
15	11	48
16	12	36
17	1	24
18	2	12
19	3	0
20	3	48
21	4	36
22	5	24
23	6	12
24	7	0
25	7	48
26	8	36
27	9	24
28	10	12
29	11	0
30	11	48
31	12	36

High water at London Bridge.

MAY, Why so called.

It is so called of the Goddess Maja, *the Mother of* Mercury, *because Heathens used to Sacrifice to her this Month. The* Saxons *called it* Trimilk, *because in this month they used to milk their Kine three times every day.*

Of the Festivals in this Month.

(1.) St. *Philip* and S. *Jacob*, like two Twins
Their memories, on this first day begins:
'Tis a good entrance to this Month of *May*
When two such glorious Sts. do lead the way.

Instructions for Gardning this Month.

Sow sweet Marjorim, basil, time, hot and aromatick herbs, purslow latice. Painted beans, &c. look well to your mellons forbear to cover them on the ridges with straw. Pluck up weeds before they seed. Ply the laboratory distilling plants for waters, spirits, &c. Give your housed plants fresh earth. Shade your Corinations and Gilly flowers after mid day. Plant stock Gilliflowers in beds, and at full moon gather Anemony seeds, take up dryed, Tulips, and cover such as are bare.

New moon the 3 day, 24 m. past 2 in the morning.
Firſt quarter the 10 day, 50 mi. aft. 9 in the morn.
Full mo, (Eclipſed) the 17 da: 25 m. p. 2 in the mor.
Laſt quarter the 24 day, 16 min. paſt 5 afternoon.

Drinks new or ſweet, Hot Spice I warn thee flee,
The ſports of *Venus*, and *Phlebotome*.

1		☉ Su. aſ. Trin.	21	♊	15	2	♊	48	28	*The heat*	11
2	f	Marcellus	22		12	15		9	29	*begins now*	12 b
3	g	Eraſmus	23		9	27		42	☽	☌ ☾ *to*	13 c
4	a	Quirine	24		6	10	♋	17	1	*abate, and*	14 d
5	b	Boniface	25		3	23		24	2	☌ ☿ ☾ *the*	15 e
6	c	Artemid	26		0	6	♌	33	3	☌ ♀ ☾ *wea-*	16 f
7	d	Paul. Ephe.	26		57	19		55	4	☌ ☉ ☌ *ther*	17 g
8		☽ 2 Su. aſ. Trin.	27		54	3	♍	27	5	☌ ♄ ☾ *will*	18
9	f	Bardim	28		52	17		15	6	☌ ♃ ☾ *be at*	19 b
10	g	Onufrius	29		49	1	♎	14	7	*no certainty*	20 c
11	a	S. Barnabas	☉	♋	46	15		27	8	*till the* 13	21 d
12	b	Longeſt day	1		43	29		50	9	*or* 14 *days.*	22 e
13	c	16 ho. 16 m	2		40	14	♏	22	10		23 f
14	d	Valerius	3		37	28		56	11		24 g
15		☾ 3 Su. aſ. Trin.	4		34	13	♐	26	12	*The wea-*	25
16	f	Rolandus	5		31	27		48	13	*ther begins*	26 b
17	g	Valeman	6		28	11	♑	53	14	☾ Eclipſed	27 c
18	a	Term ends	7		25	25		37		viſible	28 d
19	b	Gervaſe	8		22	9	♒	0	16	*now to be*	29 e
20	c	Regina	9		19	22		1	17	*ſettled for*	30 f
21	d	Alban	10		16	4	♓	38	18	*many dayes*	July.
22		☉ 4 Su. aſ. Trin	11		13	16		59	19	*together.*	A
23	f	Baſilicus	12		10	29		5	20		2 b
24	g	S. John Bapt.	13		7	11	♈	0	21		3 c
25	a	Elogius	14		4	22		52	22	*Fair wea-*	4 d
26	b	Jeremius	15		2	4	♉	45	23	*ther but a*	5 e
27	c	7 Sleepers	15		59	16		40	24	*very hot*	6 f
28	d	Leo P.	16		56	28		43	25	☌ ♄ ♀ *ſea-*	7 g
29		☽ Peter Ap.	17		53	11	♊	0	26	☌ ♃ ☉ *ſon.*	8 A
30	f	Com: Paul	18		50	23		34	27	☌ ☿ ♀	9 b
											10 c

	D	♄		♃		♂		♀		☿		☾		Lat.	
	1	28	♌ 30	14	♍ 37	22	♊ 55	5	♌ 22	15	♋ 30	3	A	48
	6	29	12	15	8	26	18	10	32	19	50	1	S	43
The	11	29	36	15	43	29	39	15	33	22	31	5	d	16
Planets	16	0	♍ 1	16	18	3	♋ 0	20	25	23R	18	1		48
places.	21	0	28	17	8	6	20	25	7	22	19	3	M	36
	26	0	59	17	53	9	38	29	37	19	52	5		1

L	1		24
2	2		12
3	3		0
4	3		52
5	4		48
6	5		35
7	6		27
8	7		19
9	8		11
10	9		1
11	9		53
12	10		45
13	11		37
14	12		29
15	1		21
16	2		11
17	3		0
18	3		48
19	4		36
20	5		24
21	6		12
L	7		0
23	7		48
24	8		36
25	9		24
26	10		12
27	11		0
28	11		48
L	12		36
30	1		24

High water at London Bridge.

JUNE, Why so called.

It taketh its name of Junius Brutus, *the Author of the Romans liberty, who was made Consul this Month. The* Saxons *called this Month* Weyd-monat, *of* Weyden *to feed, because they used this Month to drive their Cattel into the pastures to feed.*

Of the Festivals in this Month.

(24) St. *John* the Baptist lost his glorious head,
The same way was (29) St. *Peter* stroken dead.
And may all Christians, like to them endeavor
To die here so, that they may live for ever.

Instructions for Gardning this Month.

Sow lettice, chervil, radish, &c. *cleanse vines of exuberant branches stopping the joynt: inoculate apricocks, peaches, cherries, plumbs, apples, and pears: gather herbs at the full, dry them in the sun to keep; distil aromatick plants; water planted trees, and put half rotten fern about their stems; transplant autumnal cychamens, gather the ripe seed of choice flowers, inoculate jesemine, roses, and rose shrubs; take up anomonies, ranunculus, tulip-bulbs,* &c. *And plant them again.*

July hath XXXI. days.

New mo. (☉ Eclipsed) the 2 day, 26 m. p. 2 after.
First quarter the 9 day, 37 m. past 1 in the afternoo.
Full moon the 16 day, 31 min. after 12 at noon.
Last quarter the 24 day, 52 mi. after 9 in the morn.

Strong drinks and new refuse, they be thy Foe.
To bath in Rivers cool this July go.

1	g	Theobald	19	♋	47	6	♌	19	28	☌ ♂ ☾	11	c
2	a	Visit. V. Mary	20		44	19		22		☉ Eclipsed	12	d
3	b	Cornelius	21		41	2	♎	43	1	*Heat abated*	13	e
4	c	Ulricus	22		38	16		18	2	☌ ♂ ☿	14	f
5	d	Anselm	23		35	0	♍	4	3	☌ ♄ ☾	15	g
6	e	6 S. aft. Trin.	24		33	14		0	4	☌ ♃ ☾	16	A
7	f	Demetrius	25		30	27		2	5	☌ ♀ ☾	17	b
8	g	Chillian	26		27	12	♎	9	6	*Variable and*	18	c
9	a	Cyrillus	27		24	26		17	7	*unsetled*	19	d
10	b	7 Bretheren	28		21	10	♏	26	8	*weather.*	20	e
11	c	Pius	29		18	24		35	9		21	f
12	d	Henricus	0	♌	16	8	♐	42	10	✶ ♃ ☌	22	g
13	e	7 S. aft. Trin.	1		13	22		43	11	*Hail,*	23	A
14	f	Bonaventure	2		10	6	♑	37	12	*Flying clouds.*	24	b
15	g	Swythin	3		7	20		19	13	*and high*	25	c
16	a	Hylarin	4		5	3	♒	47	14	*wind.*	26	d
17	b	Alexius	5		2	16		59	●		27	e
18	c	Maternus	5		59	29		55	16	✶ ♀ ☿	28	f
19	d	Dog days be.	6		57	12	♓	52	17		29	g
20	e	8 S. aft. Trin.	7		54	24		33	18		30	A
21	f	Daniel	8		51	7	♈	1	19	*More plea-*	31	b
22	g	Mary Mag.	9		48	18		56	20	*sant and*	Aug.	
23	a	Apollinus	10		46	0	♉	50	21	*temperate*	2	d
24	b	Christiana	11		43	12		39	22	*weather,*	3	e
25	c	S. James Ap.	12		41	24		33	23		4	f
26	d	Anna	13		38	6	♊	36	24		5	g
27	e	9 S. aft. Trin.	14		36	18		53	25	*Some Showers*	6	A
28	f	Panthal	15		33	1	♋	27	26	*of Rain and*	7	b
29	g	Beatrice	16		31	14		22	27	*Thunder*	8	c
30	a	Abdon	17		28	27		41	28	☌ ☿ ☾	9	d
31	b	German.	18		26	11	♌	21	29	☌ ♄ ☾	10	e

	D	♄		♃		♂		☉		♀		☿		☾		Lat.	
The Planets places.	1	1	♍ 30	18	♍ 29	12	♋ 55	3	♍ 50	16	♋ 44	0	A	55
	6	2	1	19	19	16	12	7	48	14	6	4	S	29
	11	2	34	20	10	19	27	11	21	13	D 36	4	d	6
	16	3	7	21	3	22	42	14	31	15	10	1	M	37
	21	3	43	21	56	25	55	17	8	19	6	5		13
	26	4	18	22	52	29	8	19	5	25	33	3	a	19

JULY, Why so called.

It is so called of Julius Cæsar, *who was born in this Month*; *for before it was called* Quintilis, *as being the fifth Moneth from* March, *from whence the Ancient Romans used to begin the order of their Months. The* Saxons *called this Moneth* Hen-monat, *or* Heymonat, *because of their Hay harvest in this Month.*

Of the Festivals in this Month.

With *Mary Magdalen* let us begin,
To know, confess, repent, and cease to sin,
That with the Apo. (25) *James* we may arrive
To that Rest which time can ne'r us deprive.

Instructions of Gardning this Month.

Sow lettice, radish, &c. water young planted trees and layers: prune apricocks and peaches saving the most likely shoots well placed: let such Olatory herbs run to seed as you would save: slip stocks and other lignous plants and flowers, lay mertiles, and other curious Greens: lay gilliflowers and carnations for increase: water young planted shrubs and layers, clip box growing out of order after rain, still cut off withered stalks of lower flowers: water young gravel walks in the driest season with brine, pot-ashes; or with water of a decoction of Tobaco refus, to destroy worms and weeds, stop the exorbitant shoots of Vines, at the second joynt above the fruit.

High water at London Bridge.

1	2	12
2	3	0
3	3	48
4	4	36
5	5	24
6	6	12
7	7	0
8	7	48
9	8	36
10	9	24
11	10	12
12	11	0
	11	48
14	12	36
15	1	24
16	2	12
17	3	0
18	3	48
19	4	36
	5	24
21	6	12
22	7	0
23	7	48
24	8	36
25	9	24
26	10	12
	11	0
28	11	48
29	12	36
30	1	24
31	2	12

New moon the 1 day, 7 m. aft. 2 in the morning.
First quarter the 7 day, 39 min. aft. 7 at night.
Full moon the 14 day, at 1 in the morning.
Last quarter the 23 day, 4 mi. aft. 3 in the morn.
New moon the 30 day, 20 mi. past 10 in the fore.

Take heed of Surfers, inflaming meats and spices;
Physick forbear, be wise in exercises

1	c	Lammas day	19	♌	24	25	♎	22		Some wind.	11	f
2	d	Moses	20		21	9	♏	38	1	☌ ♄ ☾	12	g
3	e	10 S. aft. Trin.	21		18	24		5	2	☌ ☿ ☾	13	A
4	f	Aristarchus	22		16	8	♐	32	3	☌ ♃ ☾	14	b
5	g	Oswald	23		14	22		57	4		15	c
6	a	Sixtus	24		11	7	♑	15	5		16	d
7	b	Astra	25		9	21		52	6	Mild tem-	17	e
8	c	Ladislaus	26		7	5	♒	20	7	perate and	18	f
9	d	Romanus	27		5	19		6	8	good wea-	19	g
10	e	11 S. aft. Trin.	28		2	2	♓	43	9	ther suitable	20	A
11	f	Titus.	29		0	16		10	10	to the season	21	b
12	g	Clara	29		58	29		26	11	of the year.	22	c
13	a	Hyppolytus	0	♑	57	12	♈	32	12		23	d
14	b	Bertram	1		55	25		27	13	☌ ☉ ☿	24	e
15	c	Assump. V. M.	2		53	8	♉	9	14		25	f
16	d	Rochus	3		50	20		35		Dark	26	g
17	e	12 S. aft. Trin	4		48	3	♈	5	16	☌ ♄ ☿	27	A
18	f	Helena	5		46	15		1	17	cloudy	28	b
19	g	Sebaldno	6		45	27		1	18	☌ ☉ ♄ and	29	c
20	a	Bernard	7		43	8	♉	51	19	cold Rain.	30	d
21	b	Athanasius	8		41	20		41	20	☌ ☿ ☿	31	e
22	c	Simphor	9		39	2	♊	34	21		Sept.	
23	d	Zacheus	10		38	14		33	22		2	g
24	e	S. Barthol A	11		36	26		57	23		3	A
25	f	Ludovicus	12		34	9	♋	19	24	☌ ☉ ☿	4	b
26	g	Irenæus	13		32	22		15	25	Southerly	5	c
27	a	Gebhardus	14		31	5	♌	36	26	wind and	6	d
28	b	Dog days end	15		29	19		27	27	☌ ☌ ☾	7	e
29	c	Decol. Jo, Ba.	16		28	3	♍	43	28	☌ ♃ ☿	8	f
30	d	Felix	17		26	18		23	29	moist weather.	9	g
31	e	14 S. aft. Trin.	18		24	3	♎	17		☌ ☿ ☾	10	A

	D	♄	♃	♂	♀	☿	☾ Lat.
The Planets places.	1	5 ♍ 2	24 ♍ 1	2 ♌ 59	20 ♍ 27	5 ♌ 36	3 S 18
	6	5 39	25 2	6 10	20 R 35	14 57	4 d 52
	11	6 17	26 3	9 22	19 45	25 2	0 M 11
	16	7 1	27 18	13 12	17 30	7 ♍ 17	5 11
	21	7 32	28 8	15 45	15 21	15 6	4 a 13
	26	3 9	29 11	18 55	12 19	24 11	0 S 50

1	3	0
2	3	52
☾	4	43
4	5	35
5	6	26
6	7	18
7	8	10
8	9	2
9	9	53
☾	10	45
11	11	37
12	12	29
13	1	20
14	2	12
15	3	0
16	3	48
☾	4	36
18	5	24
19	6	12
20	7	0
21	7	48
22	8	36
23	9	24
☾	10	12
25	11	0
26	11	48
27	12	36
28	1	24
29	2	12
30	3	0
☾	3	52

High water at London Bridge,

AUGUST, Why so called.

It taketh its name of Augustus Cæsar, *who in this Month began his Consulship, brought three Triumphs into the City, and put an end to the Civil Wars: Before this time it was called* Sextilis, *as being the sixth Month from* March.

Of the Festivals in this Months.

10) S. *Lawren.* on a *Gridiron* broyled to death,
24) St. *Bartholomew* likewise was decolated.
Their torments they as pleasure did account,
And now they'r mounted where their joy surmount.

Instructions for Gardning this Month.

Inoculate early, prune off superfluous branches, and shoots of the second spring: pull up suckers, sow radish, tender cabages and collyflours for winter plants: sow corn-sallet, mary-golds, lettice, carrets, parsnips, spinage, onions, curled endive, angelica, scurvygrass, larks-heel, columbines, iron coloured fox-gloves, holy-hocks, and such plants as indure winter: transplant such plants as you would have to abide all winter: pull up ripe onions and garlick, &c. gather olitory seeds; clip such herbs, before the full an handful high: plant animonies, slip gilly-flowers, gather seeds of shrubs being ripe: take up bulbs of lillies, remove and lay perennial greens, oranges, lemmons, mertils, &c. sow purslan, Charcheet, cheruil, and make summer sider and perry.

September hath XXX. days

☾ First quarter the 5 day, at 12 at night.
● Full moon the 13 day, 5 min. after Midnight.
☽ Last quarter the 21 day, 40 min. past 7 at night.
● New moon the 28 day, 33 min. past 7 at night.

Now Physick may be us'd, bleed, bath, and purge,
Of whatsoe'r Necessity doth urge.

1	f	Ægidius	19	♍	23	18	♎	11	1	☌ ♄ ♀	11	b
2	g	London burnt	20		22	3	♏	22		*A fair and*	12	c
3	a	Anno 1666.	21		20	17		40	3	*Pleasant*	13	d
4	b	Theodosius	22		19	2	♐	04		*Season.*	14	e
5	c	Zachary	23		17	15		59	5	□ ♄ ☾	15	f
6	d	Magnus	24		16	29		39	6		16	g
7	e	15 S. aft. Trin.	25		15	13	♑	47			17	A
8	f	Nat. V. Mary	26		14	26		13	8	*Fair and*	18	b
9	g	Kuhigor	27		12	9	♒	10	9	*Cleer.*	19	c
10	a	Sosthenes	28		10	21		55	10		20	d
11	b	Theobald	29		9	4	♓	29	11	☌ ☌ ☾	21	e
12	c	Equal da. & ni.	0	♎	8	16		55	12	*Wind and*	22	f
13	d	Orletto	1		7	29		14	13	*Rain.*	23	g
14	e	16 S. aft. Trin.	2		6	11	♈	23	14		24	A
15	f	Nichodem	3		5	23		24	●	☌ ☉ ♆	25	b
16	g	Euphem	4		4	5	♉	20	16		26	c
17	a	Lambert	5		3	17		13	17	*North and*	27	d
18	b	Ember week	6		2	29		3	18	*North West*	28	e
19	c	Jamarius	7		2	10	♊	56	19	*Wind.*	29	f
20	d	Fausta	8		1	22		55	20	*bringing*	30	g
21	e	S. Matthew A.	9		1	5	♋	5	21	☌ ☌ ☿	Oct.	6.
22	f	Maurice	10		0	17		34	22	*Storms of*	2	b
23	g	Joel	10		59	0	♌	24	23	*Hail and*	3	c
24	a	Rupert	11		59	13		44	24	*suddain.*	4	d
25	b	Cleophas	12		58	27		40	25	☌ ☌ ☾	5	e
26	c	Cyprian	13		57	11	♍	38	26	☌ ♄ ☾	6	f
27	d	Judith	14		57	26		33	27	*Showers of*	7	g
28	e	18 S. aft. Trin.	15		56	11	♎	39	28	*Rain.*	8	A
29	f	S. Michael Ar.	16		56	26		54	29	☌ ☿ ☾	9	b
30	g	Jerome	17		55	12	♏	7	●		10	c

	D	☿		♃		♂		♀		☿		☾ Lat.	
	1	8	♍ 54	0	♌ 27	22	♌ 41	8	♍ 45	4	♎ 20	0 S	15
The	6	9	31	1	32	25	49	6	22	12	20	1	11
Planets	11	10	8	2	37	28	57	4	44	19	52	4 M	9
places.	16	10	44		42	2 ♍	44	D	26	26	54	4 ♐	52
	21	11	19	4	47	5	11	5	8	3	♍ 28	0	39
	26	11	54	5	52	8	18	6	44	9	21	4 S	34

1	4	43	
2	5	35	
3	6	26	
4	7	18	
5	8	10	
6	9	2	
7	9	53	
8	10	45	
9	11	37	
10	12	29	
11	1	20	
12	2	12	
13	3	0	
14	3	48	
15	4	36	
16	5	24	
17	6	12	
18	7	0	
19	7	48	
20	8	36	
21	9	24	
22	10	12	
23	11	0	
24	11	48	
25	12	36	
26	1	24	
27	2	12	
28	3	0	
29	3	48	
30	4	36	

High water at London Bridge.

SEPTEMBER, Why ſo called.

It is ſo called, as being the ſeventh month inclusive from March. *The* Saxons *called this month* Goarſt-Monat, *that is Barley Moneth, their Barely-Harveſt being in this Moneth.*

Of the Feſtivals in this Month.

The bleſt St. *Matthews* (21) ſacred memory
Stands in this Month fixt to Poſterity. (ſo,
Th' Arch-Angel (29) *Michael*, or Chriſt nam'd
Did foil the Dragon our Souls mortal foe.

Inſtructions for Gardning this month.

Gather your ripe Winter fruits in dry weather, ſow latice, radiſh, ſpinage, parſnips, skirrets, colliflowers, cabages, onions, ſcurvigraſs, Aniſeeds, and Winter herbs: tranſplant moſt ſorts of eſculent and phyſical herbs; artichoaks, ſparagraſs roots and ſtrawberries, (out of the wood) All fibrous plants, as Hepateca, Hellebor, cammomile, &c. alſo capricarias, Matricarius, Violets, prim-roſes, &c. bind your autumnal flowers and plants to ſtocks: ſet ſuch plants into the earth (as will not endure the houſe (in pots, 2 or 3 inches lower then the ſurface of the Earth, ſoutherly expoſed: about Michaelmas (*the weather being fair, and not foggy*) *retire your choice plants, and rareſt greens (being dry) as Orianges, lemmons, Indian and ſpaniſh Jeſamine, &c.*

☾ First quarter the 5 day, 20 min. after 9 in the mor
● Full moon the 13 day, 5 min. after 9 in the forenoo
☾ Last quarter the 21 day, at 11 in the forenoon.
● New moon the 28 day, 46 min. after 4 in the morn

Now Physicks help do not refuse,
If thou it want, and warily canst use.

1		Remigius	18	♎	55	27	♏	8	2	*A wet*	11	d
2	d	Leodegar	19		55	11	♐	44	3	*season.*	12	e
3	c	Simplicius	20		54	25		59	4	☌ ♄ ♂	13	f
4	b	Franciscus	21		54	9	♑	46	5	*Clouds*	14	g
5	☪	19 S. aft. Trin.	22		54	23		10	6	*dispersed*	15	a
6	f	Aurelia	23		53	6	♒	13	7	*and fair*	16	b
7	g	Spes	24		53	18		59	8	*weather*	17	c
8	a	Pelagia	25		53	1	♓	42	9	*approaches.*	18	d
9	b	Dionisius	26		53	13		52	10	☌ ♄ ☿	19	e
10	c	Gideon	27		53	26		6	11		20	f
11	d	Burchard	28		53	8	♈	11	12	☍ ♄ ☾	21	g
12	☪	20 S. aft. Trin.	29		53	20		13	13		22	a
13	f	Telemach	0	♍	53	2	♉	9	14	*Westerly*	23	b
14	g	Calixtus	1		53	14		3	●	*wind and*	24	c
15	a	Hedwig	2		53	25		56	16	*fair weather.*	25	d
16	b	Gallus	3		53	7	♊	50	17		26	e
17	c	Florentine	4		53	19		45	18	□ ☌ ☾	27	f
18	d	S. Luke Evt.	5		53	1	♋	39	19		28	g
19	☪	21 S. aft. Trin.	6		54	14		3	20	*Flying clouds*	29	a
20	f	Wendelin	7		54	26		33	21	*bringing*	30	b
21	g	Ursula	8		54	9	♌	18	22	*Rain.*	31	c
22	a	Cordula	9		54	22		29	23	☌ ☉ ☿	Nov.	
23	b	Term begins	10		55	6	♍	8	24		2	c
24	c	Salome	11		55	20		16	25	☌ ♄ ☍ ☿ ☾	3	d
25	d	Crispine	12		55	4	♎	52	26	☌ ♅ ☾	4	e
26	☪	22 S. aft Trin.	13		56	20		3	27	☌ ☍ ☿	5	f
27	f	Victoria	14		56	5	♍	6	28	*Wet misling*	6	g
28	g	S. Sim. & Jud.	15		57	20		25	●	*weather.*	7	a
29	a	Narcissus	16		57	5	♐	36	1		8	b
30	b	Absolom.	17		58	20		29	2	*Rain cold*	9	c
31	c	Wolfgang	18		58	4	♑	58	3	*weather.*	10	d

	D	♄		♃		♂		♀		☿		☾	Lat.
The Planets places,	1	12 ♍	27	6 ♎	56	11 ♍	25	8 ♍	31	14 ♏	20	3	S 40
	6	12	59	8	6	14	31	11	21	18	2	2	M 14
	11	13	30	9	2	17	36	14	44	19	29	5	a 16
	16	13	59	10	5	20	41	18	34	17 R	29	2	a 52
	21	14	27	11	6	13	45	22	45	10	24	2	S 34
	26	14	53	12	7	26	49	27	16	5	54	3	d 12

1	5	24
2	6	12
3	7	0
4	7	48
E	8	36
6	9	24
7	10	12
8	11	0
9	11	48
10	12	36
11	1	24
E	2	12
13	3	0
14	3	48
15	4	36
16	5	24
17	6	12
18	7	0
E	7	48
20	8	36
21	9	24
22	10	12
23	11	0
24	11	48
25	12	36
E	1	24
27	2	12
28	3	0
29	3	48
30	4	36
31	5	24

High water at London Bridge,

OCTOBER, Why so called.

It is so called, as being the eight Month from March. *The Saxons called it* Win Monat, *that is Wine Month, because this month they had wines brought them out of other Countries.*

Of the Festivals in this Month.

18) S. *Luke*, who did the glorious Gospel write
And the Acts of all the Apostles well indite.
28) S. *Simeon* and S. *Jude*, all these three,
In this month (by the Church) remembred be.

Instructions for Gardning this Month.

Trench ground for Orcharding and Kitchen-gardens: plant fruit trees of all sorts when they have lost their leaves: let your wall trees be of above a years grafting: use oblaqueations, and laying bare the roots of old, unthriving, or over hasty blooming trees: gather the fruit dry, the moon decreasing: plant and plash quick-sets: sow all stony and hard kernels and seeds, as plumbs, cherries, nuts, ashkeys, acorns, crab, and pear kernels, almond-stones, &c. *sow letice, make winter syder: sow as in* September, *plant choice tulips: plant some Anemonies and ranunculus's in fresh sandy earth, taken from under the turff; retire carnations.*

☾ First quarter the 5 day, 11 min. after 2 in the mor.
● Full moon the 12 day, 37 min. past 3 in the morn
☽ Last quarter the 19 day, 18 min. past 11 at night.
● New moon the 26 day, at 3 in the aftern.

Choose hot and wholesome drinks, and meats likewise,
Avoid hot baths, use honest exercise.

1		All Saints	19	m	59	19	♍	0	4	Cold Ea-	11
2		All Souls	21		0	2	♎	43	5	sterly	12
3	f	Theophilas	22		0	15		21	6	Winds	13
4	g	Modestius	23		1	28		46	7	bringing	14 c
5	a	Powder Trea	24		2	10	♐	53	8	☌ ♄ ☾	15 d
6	b	Leonard	25		3	23		9	9	Frosty but	16 e
7	c	Wilibald	26		3	5	♑	13	10	fair wea-	17 f
8	d	Claudius	27		4	17		12	11	ther.	18
9		24 S. aft. Trin.	28		5	29		6	12		19
10	f	Martin P.	29		6	10	♉	58	13		20 b
11	g	Martine B.	0	♐	7	22		43		Very sea-	21 c
12	a	Cunibert	1		7	4	♊	49		sonable	22 d
13	b	Eugenia	2		8	16		49	16	☌ ☿ ♀	23 e
14	c	Frederick	3		9	28		58	17	weather.	24 f
15	d	Leopold	4		10	11	♋	45	18		25
16		25 S. aft. Trin.	5		11	23		33	19	Rain, Snow	26
17	f	Hugo	6		12	6	♌	10	20	or sleet.	27 b
18	g	Hezekias	7		13	19		2	21		28 c
19	a	Elizabeth	8		14	2	♍	15	22		29 d
20	b	Amos	9		15	15		34	23	☌ ♄ ☾ :	30 e
21	c	Oblat V. M.	10		16	29		39	24	Dry weather.	Dece
22	d	Cœcilia	11		17	13	♎	38	25	☌ ☿ ☾	2
23		26 S. aft. Trin.	12		18	28		37	26	☌ ☌ ☾	3
24	f	Chrysogon.	13		20	13	♏	34	27		4 b
25	g	Katharine	14		21	28		37	28		5 c
26	a	Conradus	15		22	13	♐	42	●	☌ ☿ ☾	6 d
27	b	Gualtherus	16		23	28		37	1	□ ☉ ♄	7 e
28	c	Term Ends	17		24	13	♑	10	2	Snow or	8 f
29	d	Saturnin.	18		25	27		21	3	rain.	9
30	e	Andrew Ap.	19		26	11	♒	4	4	Advent. Sun.	10

	D	♄		♃		♂		☿		♀		☾		Lat.	
	1	15	♍ 21	13	♎ 15	0	♎ 28	3	♎ 1	3	♍ 31	0	M	50
The	6	15	42	14	15	3	29	8	0	3	D 39	5		5
Planets	11	16	2	15	10	6	29	13	13	10	50	3	♐	52
places.	16	16	20	16	39	9	29	18	34	17	46	1	S	17
	21	16	34	16	54	12	27	24	1	25	13	5		13
	26	16	46	17	42	15	25	29	♑ 36	2	♑ 52	2	D	14

High water at London Bridge,

6	12	
7	0	
7	48	
8	36	
9	24	
10	12	
11	0	
11	48	
12	36	
1	24	
2	12	
3	0	
3	55	
4	43	
5	37	
6	26	
7	18	
8	12	
9	2	
9	53	
10	45	
11	37	
12	29	
1	20	
2	12	
3	0	
3	48	
4	36	
5	24	
6	12	

NOVEMBER, Why so called.

It is so called, as being the ninth month from March. The Saxons *called it* Wintmonat, *that is Wind month, because of the blustering Winds which rise usually in this month.*

Of the Festivals in this Month.

Of (1) All Sts. bleſt, curſed and (5) Powder Plot
Muſt never be by Proteſtants forgot.
(30) St. *Andrew* ends as *All Saints* did begin,
And may we (as they did) Salvation win.

Inſtructions for Gardning this Month.

Turn your mellon ground and mingle it with earth, lay it in ridges for the ſpring. Trench and fit ground for artichoaks: ſet and plant trees ſtandard or Mural: furniſh your nurſery with ſtocks for grafting: ſow and ſet early beans and peaſe: lay in cellars (to be tranſplanted in ſpring for ſeed) carrats, parſnips, turnips, cabages and colliflowers: gather your laſt Orchard fruit, dig up your potatoes as clean as you can: crop aſparagraſs, and cover it with long dung, or make beds to plant in the ſpring: ſo auricula ſeeds: cover peeping ranunculus, &c. plant tulips under ſhelter the earth being not too rich: plant foreſt trees for walks avenues and groves: plant fibrous roots, roſes, althæa-frutex, lilax, ſyringas, ceryſas, Peonies, &c.

☾ First quarter the 3 day, 27 min. aft. 6 at night.
● Full moon (☾Eclipsed) the 11 da. 18 m. af. 10 at nig.
☽ Last quart. the 19 day, at 11 in the forenoon.
● New moon the 26 day, 32 min past 2 in the morn.

To keep thy self in Action, thou maist Play,
At Cards, or Dice, but not thy Stare, away.

1	f	Longinius	20	♐	28	24	♒	2c	5	☌☿☌		11 b
2	g	Candidus	21		25	7	♓	11	6	*Cold much*		12 c
3	a	Cassian	22		30	19		41	7	*abated, and*		13 d
4	b	Barbara	23		31	1	♈	55	8	*a more*		14 e
5	c	Sabina	24		33	13		57	9	□♄☿ *mild*		15 f
6	d	Nicholaus	25		34	25		51	10	*and tempe-*		16 g
7	e	2 S. in Advent	26		35	7	♉	42	11	*rate season*		17 A
8	f	Concep Mary	27		36	19		35	12	*follows*		18 b
9	g	Joachim	28		38	1	♊	29	13			19 c
10	a	Shortest da.	29		39	13		30	14			20 d
11	b	7 hou. 34 mi.	0	♑	40	25		39	●	☾ Eclips Vis.		21 e
12	c	Vatarius	1		41	7	♋	58	16	*High winds*		22 f
13	d	Lucia Virg.	2		43	20		27	17	*and great*		23 g
14	e	3 Su. in Adv.	3		44	2	♌	10	18	*store of Rain.*		24 A
15	f	Abraham	4		45	15		5	19			25 b
16	g	Ananias	5		47	29		13	20			26 c
17	a	Lazarus	6		48	12	♍	33	24	☌♄☾		27 d
18	b	Ember week	7		49	26		10	22	*Frost and*		28 e
19	c	Ioth	8		51	9	♎	59	23	☌☉☿		29 f
20	d	Ammon	9		52	24		4	24	*some snow.*		30 g
21	e	S. Thomas A.	10		53	8	♏	22	25	4 S. in Adven.		31 A
22	f	Theodore	11		54	22		54	26	*Southerly*		168 b
23	g	Dogobert	12		56	7	♐	32	27	☌♀☿ *wind*		2 b
24	a	Adam & Eve	13		57	22		12	28			3 c
25	b	Christ Nati.	14		58	6	♑	47	29	*Rain or snow*		4 d
26	c	S. Stephen	16		0	21		14	●	☽☿☾		5 e
27	d	S. John Ev.	17		1	5	♒	19	1	□☽♀		6 f
28	e	H. Innocents	18		2	19		3	2			7 g
29	f	Jonathan	19		4	2	♓	24	3	*High North*		8 A
30	g	David	20		5	15		20	4	*West winds.*		9 b
31	a	Silvester	21		6	28		6	5	□☉☽		10 c

	D	☽		☿		♂		♀		♃		♄	Lat.	
	1	15	♍ 56	18	♎ 27	18	♏ 21	5	♍ 14	10	♐ 37	3	M	48
The	6	17	2	19	11	21	16	10	58	18	25	5	a	3
Planets	11	17	7	19	50	24	11	16	47	26	16	1		6
places.	16	17	R 8	20	26	27	4	22	39	4	♑ 12	4	S	9
	21	17	6	20	59	29	54	28	33	12	10	4	d	32
	26	17	2	21	27	2	♍ 49	4	♐ 38	20	12	1	m	18

1	7	0
2	7	48
3	8	36
4	9	24
5	10	12
6	11	0
7	11	48
8	12	36
9	1	24
10	2	12
11	3	0
12	3	48
13	4	36
14	5	24
15	6	12
16	7	0
17	7	48
18	8	35
19	9	24
20	10	12
21	11	0
22	11	48
23	12	36
24	1	24
25	2	12
26	3	0
27	3	48
28	4	36
29	5	24
30	6	12
31	7	0

High water at London Bridge.

DECEMBER, Why ſo called.

It is ſo called as being the Tenth Month from March. *The* Saxons, *at firſt, called it* Winter monat, *that is Winter Month. But after they received the Chriſtian Faith they called it Heligh monat, that is Holy Month; becauſe of the Holy Feaſt of* Chriſtmas *in this Month.*

Of the Feſtivals in this Month.

21) S *Thomas,* and (25) our Saviour *Jeſus Chriſt.*
26) S. *Stephen,* and (27) S. *John* th' Evangeliſt,
And (28) holy Innocents, their days do hallow.
And as they led the way, God grant us follow.

Inſtructions for Gardning this Month.

Prune and nail ſtandard trees and wall fruit, plant vines and ſtockes for grafting: ſow yer pomace for ſyder, preſſings for Nurſeries: ſet all kind of kernels ſtones, &c. ſow early beans and peaſe: trench ground and dung it for borders, planting fruit trees, &c. turn and refreſh autumnal fruit opening the windows on a clear day: uſe hoſtility againſt vermine by traps, &c. preſerve your choiceſt anemonies, carnations, &c. from great rain & froſt, let the door & windows of your conſervatory be well matted and guarded.

Feaſt not the Rich ones, but thy Neighbours Poor,
So God will bleſs thee and increaſe thy ſtore.
—— Of mirth now take thy fill;
For Mirth with meaſure can produce no ill.

Temper the air with a little charcole put into a hole ſunk a little into the mid. of the floor: ſet bay-berries dropping ripe.

Thus as the year increaſes and does ſpend.
So th' Gardners Labours never at an end.

☾ Age	Hours and Minuts to be added. Ho.	M.	
1	0	49	
2	1	38	
3	2	26	
4	3	15	
5	4	3	Afternoon.
6	4	53	
7	5	41	
8	6	30	
9	7	19	
10	8	8	
11	8	56	
12	9	45	
13	10	34	
14	11.	23	
15	12	11	
16	0	0	
17	1	0	
18	1	49	
19	2	38	
20	3	26	
21	4	15	
22	5	3	Morning.
23	5	53	
24	6	41	
25	7	30	
26	8	19	
27	9	8	
28	9	56	
29	10	45	
30	11	36	

A Table shewing the time of High-water in all the Ports below-mentioned.

The Names of the Ports.	Ho.	M.
QUeenborough, Southampton, Portſmouth,	0	0
Rocheſter, Maldon, Blacktail,	0	45
Graveſend, Dover, Blackneſs, Silly,	1	30
Dundee, *St.* Andrews, Lisbon, Lucas,	2	15
London, Tinmouth, Amſterdam, Rotterdam,	3	0
Barwick, Fluſhing Flamborough,	3	45
Baltamoor, Corke, Severn, Callice,	4	30
Falmouth, Humber, New-Caſtle,	5	15
Plimouth, Hull, Lin, *St.* Davids,	6	0
Briſtol, Start-point, Waterford,	6	45
Milford, Bridgwater, Lands-end,	7	30
Portland, Hartflew, Dublin,	8	15
Pool, Iſle of Man, Dunbar, Diepe,	9	0
Needles, Orford, South and N. Foreland,	9	45
Yarmouth, Dover, Harwich,	10	30
Rie, Winchelſey, Colſhot,	11	15

The Uſe of theſe Tide-Tables.

IN the ſixth Colum of the Almanack, you have the ☾ age every day of the year, which being known ſeek the ☾ age in this Table, and ſee what hours and minutes ſtand againſt it, thoſe hours and min. being added to the ho. and mi. which ſtand againſt the name of the place you would know the time of high water *&c.* will give you the time of high water at that place.

EXAMPLE.

If you would know what time it will be high-water at Graveſend, *upon the* 16 *of* Jan. *look in the Almanack, and againſt the* 16 *of* Jan. *you ſhall find the* ☾ *is* 10 *days old: Wherefore find* 10 *days in this Table under* (☾ *Age*) *and againſt it you ſhall find* 8*h.* 8*m. which being added to* 1 *h.* 30 *m.* (*the hours and min. ſtanding againſt* Graveſend) *the ſum is* 9 *h.* 38 *m. at which time it will be high water at* Graveſend *on the* 27 *of* Jan. *afternoon. But if the ho. and m. added together exceed* 12 *ho. you muſt caſt away* 12 *ho. and the time of high water will remain. So on the* 15 *of* Jan. *the* ☾ *being* 9 *days old, the ho. and mi. againſt* 9 *days old are* 7 *h.* 19. *min. which added to* 10 *h.* 30. *m.* (*the ho. and m. ſtanding againſt* Dover) *make* 17*h.* 49 *m. from which take* 12 *h. and there remains,* 5 *h.* 49 *m. at which time it will be high water at* Dover *the* 15 *of* Jan.

WING.

A

PROGNOSTICATION,

for the Year of our

LORD GOD

1683.

Being the third from the Biſſextile or Leap-year.

Wherein is contained the time of the Sun's Ingreſs into the four Cardinal Signs, with a Figure of the Heavens at the Suns ingreſs into *Aries*, from which the State of the Year is Predicted, the Eclipſes, with the Type of one which is viſible, a Table ſhewing the hour of the day, a Chronology, with ſeveral other things both uſefull and neceſſary, for all thoſe whoſe Genius tends to the contemplation of Starry Learning.

Cœli enarrant gloriam Dei fortis, & opus manuum indicat expanſum eorum, Pſal. 19. 1.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the Univerſity, 1683.

☾ Age	Hours and Minuts to be added. Ho.	M.	
1	0	49	
2	1	38	
3	2	26	
4	3	15	
5	4	3	
6	4	53	Afternoon.
7	5	41	
8	6	30	
9	7	19	
10	8	8	
11	8	56	
12	9	45	
13	10	34	
14	11.	23	
15	12	11	
16	0	0	
17	1	0	
18	1	49	
19	2	38	
20	3	26	
21	4	15	
22	5	3	Morning.
23	5	53	
24	6	41	
25	7	30	
26	8	19	
27	9	8	
28	9	56	
29	10	45	
30	11	36	

A Table shewing the time of High-water in all the Ports below-mentioned.

The Names of the Ports.

	Ho.	M.
Queenborough, Southampton, Portſmouth, Rocheſter, Maldon, Blacktail,	0	0
Graveſend, Dover, Blackneſs, Silly,	0	45
Dundee, *St.* Andrews, Lisbon, Lucas,	1	30
London, Tinmouth, Amſterdam, Rotterdam,	2	15
Barwick, Fluſhing Flamborough,	3	0
Baltamoor, Corke, Severn, Callice,	3	45
Falmouth, Humber, New-Caſtle,	4	30
Plimouth, Hull, Lin, *St.* Davids,	5	15
Briſtol, Start-point, Waterford,	6	0
Milford, Bridgwater, Lands-end,	6	45
Portland, Hartflew, Dublin,	7	30
Pool, Iſle of Man, Dunbar, Diepe,	8	15
Needles, Orford, South and N. Foreland,	9	0
Yarmouth, Dover, Harwich,	9	45
Rie, Winchelſey, Colſhot,	10	30
	11	15

The Uſe of theſe Tide-Tables.

IN the ſixth Colum of the Almanack, you have the ☾ age every day of the year, which being known, ſeek the ☾ age in this Table, and ſee what hours and minutes ſtand againſt it, thoſe hours and min. being added to the ho. and mi. which ſtand againſt the name of the place you would know the time of high water *&c.* will give you the time of high water at that place.

EXAMPLE.

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WING.

A PROGNOSTICATION,

for the Year of our

LORD GOD 1683.

Being the third from the Biſſextile or Leap-year.

Wherein is contained the time of the Sun's Ingreſs into the four Cardinal Signs, with a Figure of the Heavens at the Suns ingreſs into *Aries*, from which the State of the Year is Predicted, the Eclipſes, with the Type of one which is viſible, a Table ſhewing the hour of the day, a Chronology, with ſeveral other things both uſefull and neceſſary, for all thoſe whoſe Genius tends to the contemplation of Starry Learning.

Cœli enarrant gloriam Dei fortis, & opus manuum indicat expanſum coram, Pſal. 19. 1.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the Univerſity, 1683.

A Table shewing the true Hour of the Day by a plain Staff divided into 10 equal parts.

Ho. afternoon	12	1	2	3	4	5	6	7
Ho. forenoon		11	10	9	8	7	6	5
June	5	ſ 6	7 ſ	9 d	13 ſ	19 q	30	5 q
	5	ſ 6	7 ſ	10	13 ſ	19 q	30 q	58
	5	ſ 6	7 ſ	10	13 d	19 ſ	30 ſ	59
	5	d 6 q	7	10	13 d	19 d	31 q	61 d
	5	d 6 ſ	7 d	10 q	14	20 q	32	65 q
	5	d 6 ſ	8	10 ſ	14 ſ	20 d	33 ſ	71
May	6	6 d	8 q	10 d	14 d	21 ſ	35	78 ſ
	6	q 6 ſ	8 ſ	11 q	15 q	22 ſ	37 q	90 ſ
	6	q 7 ſ	9	11 ſ	16	23 ſ	40	108
	7	q 7 d	9 ſ	12	16 d	24 d	43 d	138
	7	q 7 d	9 q	12 d	17 ſ	26	48	196
	8	d 8 q	10	13 q	18 ſ	28	54 q	358
April	8	q 8 d	10 d	13 ſ	19 ſ	30 q	62 q	
	8	d 9 q	11	14	20 d	33 q	74 q	
	9	q 9 d	11 ſ	14 d	22 q	36 ſ	92 q	
	10	10 ſ	12 q	15 d	24	40 d	122	
March	10	ſ 11 q	13	16 d	26	46	182	
	11	q 12	14	18	28 ſ	53 d	364	
	12	12 d	15	19 ſ	31 q	62 d q		
	13	13 d	16	21	34 d	76 q		
	14	14 d	17 q	22 d	39	97 q		
February	15	16	18 d	24 d	44	133		
	16 q	17	20	27 •	51	210		
	17 ſ	18 ſ	22	29 d	59			
	19	20	24	33	70 d			
January	20 ſ	21 d	26	36 d	86 q			
	22	23 ſ	28 ſ	40 d	110			
	24	25 ſ	31	46	145			
	26	27 ſ	34	51 d	208			
December	28	29 d	37	59	344			
	30	32	40 ſ	66 d	829			
	32	34 ſ	44	76				
	34	36 d	47 ſ	86				
	36	39	51	79				
November	37 d	41 ſ	54 q	108				
	39	42	56 ſ	117				
	39 d	43 q	58 q	124				
Decem.	40	43 d	59	126				

WING. 1683.

☞ Note that *q* stands for *Quadrans* a quarter of a part; ſ for *semiſs*, half; and *d* for *Dodrans* three quarters of a part.

To find the true Hour of the Day by the former Table.

TAke a Staff of what length you pleaſe, and with a pair of Compaſſes divide it into ten equal parts marking them upon the Staff; then in ſome level place where the Sun doth ſhine, ſet it upright, and mark where the end of the ſhadow falls; which done, meaſure with your Staff the length of the ſhadow, and note the parts it contains, which find out in this Table right againſt the day of the month, and over head you will find the true hour of the day; as will appear more clearly by example.

Suppoſe the 9 of *April* or 13 of *Auguſt* I ſhould find the ſhadow of the Staff to be 30 parts and a quarter of a part more, that is, three Staffs length, and a quarter of a part, therefore ſeeking in the Table; againſt the ſaid days, I find 30 *q.* which is 30 parts and a quarter; and I ſee over head, that it is then either 7 a clock in the morning, or 5 in the afternoon; ſo that if your obſervation was in the morning, it was 7; but if in the afternoon, 5 a clock.

Thus the 13 of *February*, or 8 of *October*, if the ſhadow of the Staff be juſt 19 parts, it is 12 a clock. if 20 it's one a clock, if 24 two a clock, if the obſervation be made in the afternoon.

Thus you ſee the hour of the Day is exactly and ſpeedily found, by a Rod or Staff and the help of this Table; ſo likewiſe by the Kallender part may the hour of the Night be known either by the Moon, Planets, or Fixed Stars, being of excellent uſe to all ſorts of Men.

A Compendious Chronology of Memorable things since the Creation to this Year 1683.

			Years.
From the Creation of the World.	*Fuxta*	*Orientalis Eccleſiæ tradita*	7182
		Occidentalis Eccleſiæ tradita	6881
		Hebræos & Judæos recentiores	5443
		S. Literas & Hiſt. fide digniores	5832

Since

Noah's Floud	3976
The deſtruction of *Sodom* and *Gomorrha*	3584
The deſtruct of *Troy*	2885
Brute entered this Iſland of *Britain*	2790
The build. of *London*	2790
The build. of *York*	2572
The building of *Canterbury*	2575
The building of *Stamford*	2546
The bu. of *Leiceſter*	2527
The build. of *Rome*	2435
Haman was hanged	2135
Alexander died	2003
Julius Cæſar ſlain	1726
S. *Peter* and S. *Paul* were put to death	1609
Jeruſalem was taken by *Titus*	1610
England received the *Chriſtian* Faith	1493
S. *Auguſtine* died	1253
Duke *William* conquered *England*	617
S. *Paul's* Chu. burnt	597
The 1 Mayor of *Lon.*	492
London Bridge was built with Stone	474
The Invent. of Guns	305

Since

The rare Art and Myſtery of PRINTING	243
Coaches came into *England*	128
S. *Paul's* Steeple was fired by Lightning	122
The great Maſſacre in *France*	111
The Kalen. corrected	101
The Camp at *Tilbury* in *Eſſex*	95
K. *Charles* I. was born	83
The Powder Treaſon *Novemb.* 5.	78
The great Froſt	76
The Comet or Blazing Star *Novemb.* 18.	65
Our moſt Gracious King *Charles* was born	53
The great Fight at *Lutzen* in *Germany* Sept. 6.	51
The long Parliament began *Novemb.* 3.	42
The great Rebellion in *Ireland* beg. *Oct.* 23.	41
Branford Fight	40
Edgehill battel *Oct.* 23.	39
The Covenant (that bond of iniquity) taken by the Members of the Houſe of Commons	39

Marſton

Marſton more Fight 39
Newberry Fight 39
The Biſhop of *Canterbury* beheaded *Jan.*10. 38
Nasby Fight *June* 14. 38
The *Scots* routed in *Lancaſhire* by *O. C.* 35
The murther of His late Majeſty King *Charles* *Jan.* 30. 35
D. *Hamelton*, Lord *Capel* and Earl of *Holland* beheaded 35
Colcheſter was taken 35
Worceſter fight *Sep.*3. 32
The long Parliament was pulled out by *O. C.* 30
A great Victory againſt the *Hollanders* 30
Dunkirk delivered to the *Engliſh* 25
Sir *Henry Slingsby* and D. *Hewet* beheaded 25
Oliver the Tyrant died *Sept.* 3. 25
The Lord *Monk* brought in the ſecluded Members *Feb.* 11. 23
The healing Parliament *April* 25. 23
Our Gracious K. *Charles* happily arrived to *London* May 29. 13
Our Gracious King was Crowned at *Weſtminſter* April 23. 22
Two Comets or Blazing Stars appeared in four months time 18

Since

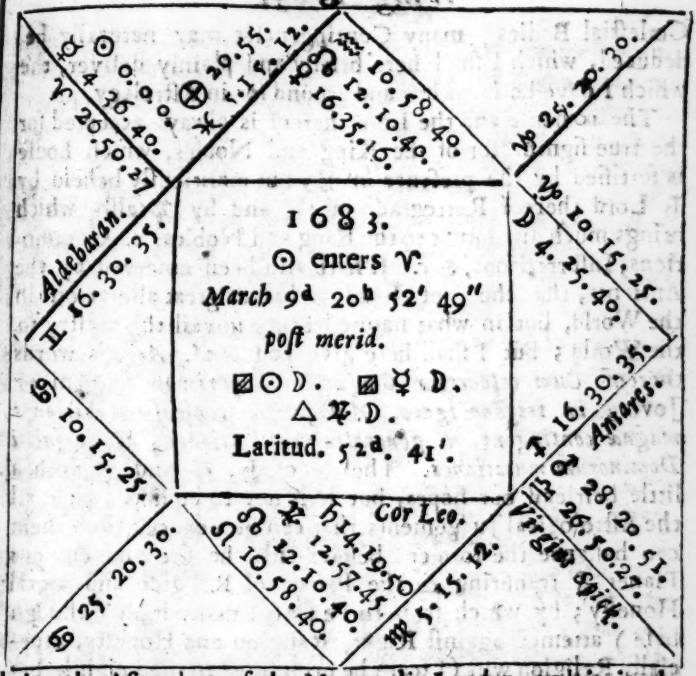
The great Plague in *London* whereof died about 100000. 18
A great Fight between His Majeſties Naval forces and the *Dutch*, wherein the *Dutch* were beaten by His Excellency Prince *Rupert* and the Lord General *Monk* July 25. 17
The ſad and lamentable Fire in *London* Sept. 2, 3, 4, 5, 6. 17
Peace with *Spain* & *Denmark* 16
The laſt horrible fierce eruption of Mount *Ætna* in *Sicily* being the 17 in number taken notice of by credible Authours. 14
Peace agreed betwixt the *Engliſh* & the *Dutch* 10
The great Snow, it ſnowed 11 days together 9
The diſcovery of the Popiſh plot which no Age can equalize 5
Edward Coleman, *William Ireland*, *John Green*, & *Thomas Pickering* were executed for acting treaſon in the late Plot 5
Rob. Green, *Henry Berry*, and *Lawrence Hill* were executed for murthering that Worthy Knight Sr *Edm. Bury Godfry* 5

Since

Tempus datum	*Longit. Solis.* S.	D.	′	″	*Apog. Solis* S.	D.	′	″
Epocha 1681	9	20	33	48	3	7	5	3
Years add 2	11	29	31	20			2	4
March	1	28	9	11				10
Day 9		8	52	15				2
hour 20			49	17				0
min. 52			2	8				
sec. 49				21				
Middle motion ☉	11	27	58	1	3	7	7	54
Aphelion sub.	3	7	7	54				
Anomalia ☉	8	20	50	7	*Britannica.*			
Prosthaph add.		2	1	59				
Locus Solis	0	00	00	00				

Of the Spring Quarter.

HEre in the Sun's ingreſs into ♈, I ſhall proſecute my former method, and thereby draw ſuch Aſtrological Judgements as the Stars ſpeak in their Language; I have here drawn the Calculation of the Sun's ingreſs into ♈, from the Tables in *Aſtronomia Britannica*, which Tables (I dare boldly ſay) are the moſt exact of any yet extant, though ſome malitiouſly would have it to the contrary, but if thoſe two remarkable Lunar Eclipſes, *viz.* 1681. *Aug.* 19. and *February* 11. 1682. was but heedfully obſerved, it will not onely prove the verity of thoſe Tables, but ſerve to convince thoſe that held an opinion to the contrary. But becauſe I would not make any further digreſſion, I ſhall return to my purpoſe in hand. The Spring Quarter commenceth this Year according to this Calculation, upon *Friday* the 9 day of *March*, (in the Meridian of *Stamford*) at 20 hours, 50 minute, 49 ſeconds, *p. m.* but to make it more plain to the Vulgar, on *Saturday* the 10 day of *March*, at 50 minutes, 49 ſeconds paſt 8 in the morning, at which time the poſition of the Heavens are as followeth; in which Figure we have the cœleſtial Twins aſcending our Horizon, being



being the Aſcendant of the Metropolis *London*, and it is the opinion of the learned in Aſtrology, that if the Aſcendant of any Kingdom or City be upon the Aſcendant of the Revolution, it ſignifies Health Joy, Happineſs and Proſperity to that People, and an advantage againſt their Adverſaries, if ingaged in any troubles, the Kingdoms under ♊, *Ægypt*, *Armenia*, *Flanders*, &c. Cities *London*, *Bruges*, *Norinberg*. The moſt remarkable Configurations at this ingreſs are as followeth, ☿ Lord of the Aſcendant, Retrograde in ♈, *England*'s Aſcendant, and in □ to the ☽; and here we have a ☌ of ♄ *ad* ♃, and both in ☍ to ♀ from Angles, ♄ *ad* ♂ oppoſeth ♈ and ♒ their own dignities, by a Retrograde motion, and ♂ applying to ✶ of ♄ *ad* ♃, and ♄ *ad* ♃ in △ of ☉, and ☉ in □ to ☽, and ♄ *ad* ♃ in △ to the Aſcendant, here alſo ☿ applies to an ☍ of ♂, and ♂ to an ☍ of ☉, according to theſe poſitions of the

Cœleſtial Bodies, many Contingencies may naturally be deduced, which I ſhall here briefly and plainly deliver, the which I have both Author and ground for in Aſtrology.

The 10 houſe and the Lord thereof is always accepted for the true ſignificator of the King and Nobles, which houſe is fortified by the preſence of ♀, but malitiouſly beheld by ♄ Lord thereof Retrograde in ♌, and by ♓ alſo, which brings much diſcontent to the King and Nobles, as Commotions, Inſurrections, *&c.* It hath alſo been obſerved by the Antients, that the ☌ of ♄ *ad* ♓ breeds great alterations in the World, but in what nature let time unvail the myſtry to the World; but I ſhall here give you *And. Argol*'s words thereof, *Cum celebretur Conjunctio Superiorum* Saturni *&* Jovis, *in trigono igneo, Antiquorum conſenſu mutationes magnæ contingent, & generales conſtitutiones; ac de facili Dominorum mutationes.* The △ of ♄, ♓ and ☉ doth a little befriend our hopes, but it is not to be hoped that all the Aſtrological Judgements that can be deduced from them can ballance the former, beſides this the fire and envious Planet ♂ tranſiting ♎ the Patron of Religion and moral Honeſty; by which it is to be feared many high (though baſe) attempts againſt Right, Religion and Honeſty, eſpecially Religion will (I fear) be proſecuted to the heighth but I hope our Pious and Orthodox Divines of this Nation (for whom I ſhall ever ſtand) will find ſuch encouragement to ſtand in defence of the Proteſtant Religion, that thereby they *may put to ſilence the ignorance of fooliſh men*; but to return to my former Figure, where I find ♀ Lord of the Aſcendant being weak, and afflicted by ☽, being alſo both ſignificators of the Common People, which ſignifies the People will be raſh, peeviſh and haſty and many of them ſeek their own diſcontent, in reſpect of Jealouſies and Fears, which never any yet could advance themſelves by. Many diſeaſes are incident to mankind this Year, which may be taken from ♂ in ♎ poſited in the 6 houſe, with other occurrences, from which proceeds Feavers, Corruption of Bloud, Impoſthumes, Veſtoſies, theſe alſo are the words of one of the Antient, who is yet honoured for his Judgement in this par-

particular, *Si fuerit* ♂ *in* ♎ *significat Ventos Venturos, ægritudines atque mortalitatem in Regionibus, quæ ſunt in diviſione* ♎, *& multiplicabuntur Latrones & abſciſores Viarum, & erunt rixæ atque mala inter homines.* ♄ *ad* ♈ afflicting each other in ♌, and in the 4 houſe, being the angle of the Earth, portends a ſcarcity of the Fruits of the Earth, and moſt ſorts of Proviſion neceſſary for our ſupport will be dear, of which opinion according to this poſition, is *Haly*, *Meſſehalah*, *Abrahamus Judæus*, and others; and I pray God it prove not too true; the ſame ☌ of ♄ *ad* ♈ (as I before intimated) produceth Wars, and great alterations in the World; with which joining in this Judgement the effects of the late Comet, which addeth ſorrow to affliction, and will in a ſhort time appear in their own colours; for undoubtedly the Great God of Heaven and Earth, hath a great controverſie with us; by which he hath forewarned us by his Beacon (the Blazing Star) ſo lately ſet on fire, which perhaps may almoſt already be forgot by thouſands that ſtood trembling at the ſight of it when it firſt appeared, and have now forgot to leave their wickedneſs, for which God is undoubtedly angry with us for; *Joſephus* tells us (*Lib. V. pag.* 688.) of the nature of the Lake of *Aſphaltites*, which changeth its Courſe three times a day, and is of ſuch nature that nothing that is caſt into it can ſink; ſo is it now adays with the hearts of many men, that will change their Principles three times a day, and will not ſuffer a true Religion to ſink into their hearts: but I muſt remember I am now an Aſtrologer, and have here deduced from the poſition of the Heavens (at the Sun's entrance into ♈) ſuch Aſtrological Judgements, which are likely to befall in a ſhort time, in which I have conſidered the natural ſignifications of the late Comet, all which is likely to produce great Alterations in the World, from which, *Libera nos Domine.*

January produceth much Winter-like weather, *February* proveth ſutable to the ſeaſon, *March* unconſtant weather and a bad Seed-time for the Farmer.

of

Of the Summer Quarter.

THE Summer quarter commenceth this Year upon *Sunday* the 11 day of *June*, at 28 minutes before noon, at which time the Sun enters the first ſcruple of the Tropical Sign (and Summer Solſtice) ♋, and this quarter continueth till the Sun paſſeth through ♋, ♌, and ♍, and at the Sun's entrance into ♋, we have 25 degrees of the Cœleſtial Virgin Aſcending, and about 24 degree of ♐ Culminating, which was Horoſcopal at the Vernal Equinox, and now in ♒ thereunto, from which no good concluſions can be wrought for *London*; which is as I told you before *London*'s Aſcendant, and ☿ Lord of the Aſcendant, as he was at the Suns entrance into ♈, the poſition of the Heavens at this ingreſs are briefly thus, ☌ ♄♑, ♒ ♄☿, □☌☿, ☌☿☽, ✶♄♂, ✶♑♂, ✶☿☿, as thoſe that pleaſe to ſet a Figure thereof may ſee, which proves the Actions of this Quarter to be many which break forth and are ſuddenly made publick, many fears and diſcontents are on foot, and alſo malicious deſigns and Controverſies, which perhaps in *May* begin to ſhew themſelves: God preſerve *England* from Wars, burning of Houſes, and ſuch like diſmal effects, which ſeem to be portended by the Heavens, unleſs God of his infinite mercy open the hearts and underſtandings of his People, and convert their hearts that they may ſpeedily turn from the evil of their ways, which God for his mercies ſake grant. ♂ in ♒ of ☿ in the 10 houſe denotes ſcarcity of Proviſion, and the Fruits of the Earth, and many infirmities to the Superiors as well as others, ſuch as Squincies, obſtructions and ſtuffing in the Pectorals, it alſo with other Configurations denotes murthering and ſlaughtering of great ones in the World, and ſuch as are rampant in Authority, but by the prudence of Wiſe-men in ſome meaſure may be avoided, according to the 5th Aphoriſm of *Ptolomy*, *Centiloquium*, *poteſt hujus ſcientiæ profeſſor multos effectus ſtellarum evertere, quando nec naturas illarum ignorat, & ſeipſum antequam effectus occidat diligenter præparavit.*

This

This Quarter is naturally inclined to heat and drineſs, and 'tis to be feared that immoderate heat will inveſt this Quarter, which is ſignified by the partile Conjunction of ♄ and ☿ in ♌, a ſign of the Fire Triplicity.

Aſtra mevere Deus, tollere & aſtra poteſt.

Of the Autumn Quarter.

THE third part of the Year called Autumn beginneth at ſuch time as the Sun toucheth the firſt point of ♎, or more really when the Earth enters the firſt ſcruple of ♈, hath volved her ſelf at right angles with the Sun, and receiveth a like portion of Light and Darkneſs, which either way taken, falleth out this Year upon *Thurſday* the 13 day of *September*, at 50 min. paſt 2 in the morning according to this Calculation:

	S.	d.	′	″
The middle motion of the Sun,	6	02	02	02
The Aphelion of the Sun ſubſtract,	3	07	08	25
Anomalia of the Sun,	2	24	53	36
Proſthaphæris ſubſtract,	0	02	02	02
The Suns true place,	♎	00	00	00

Having thus according to the rules of Aſtronomy calculated the time of the Suns ingreſs into ♎; after which, followeth the Figure of the Heavens at that time.

In this Autumnal Figure, we have the Regal Sign ♌ Aſcending our Horizon, being a Sign of the fire Triplicity, and ♄, ☿ and ♀ poſited in the Aſcendant, and ♂ in the fourth houſe in ♍ thereof, the Aſpects of the Planets in this Autumnal Figure, ſeem to be of miſchievous tendency in earneſt: pray God the Effects fall not upon *England*, and then it mattereth not: true, it is the Aſcendant of *Rome* that the Planets thus Aſpect, from which, if I ſhould prædict ſome great alterations will befall there in a ſhort time, I think I ſhould have both Art and Author to aſſiſt me in, but I ſhall onely obſerve this (that unleſs it ſhall pleaſe God to alter their courſe of nature, and convert the hearts of men) that turbulent and obnoxious times are likely to ſeize great part of

of the World; which now begin to appear more plainly, and tis to be feared of long continuance, and tis onely in the Power of God Almighty to preserve us in Peace and Plenty, which I say again, let *England* pray for.

This Quarter beginneth with gentle winds and some moderate showers, in *October* variety of weather, but towards the latter end of the Quarter sharp weather, as frosts, *&c.*

Of the Winter Quarter.

THE Winter Quarter beginneth at such time as our Earthly Globe hath volved it self to the greatest Northern inclination, whereby we her Northern Inhabitants being furthest defected from the Suns Raies, receive least portion of light, causing our shortest Day and longest Night, or (according to common Opinion) when the Sun enters the first minute of ♑ which either way taken, happeneth this Year upon *Tuesday* the 11 of *December* about 2 afternoon.

The weather in *December* proves suitable to the season, in *January* cold hail, and snow, now and then frosts, but of small continuance, the rest of the Quarter will prove very unconstant and unseasonable. And as for other Astrological Judgements which might be observed in this Winter Quarter, I always include in the Suns ingress into ♈.

Of the Eclipses this Year 1683.

THere will be presented to the view of the Earths Inhabitants, three Eclipses, one of the Sun, and two of the Moon, but there will be but one visible here in *England*, and that is of the Sun, which will be worthy the Observations of all those that are curious in Astronomy, which, doubtless might conduce much to the Restoration thereof.

The first (and visible) Eclipse is of the Sun, upon the 17 day of *January*, the middle whereof is at 2 hours 53 min. afternoon, being eclipsed to the quantity of 8 digits and an half, which is almost 3 quarters of the Suns Body to be darkened, as by the Figure you may perceive; this Eclipse will be seen here in *England* if Clouds interpose nor,

not, and as to its Portents and Significations, which I have not here room to treat of, onely this I shall say, which hath been observed by the Antients, that an Eclipse of the Sun, in the first face of ♒, as this is, brings publick sorrow and sadness.

The second Eclipse is of the Moon, upon *February* the 1 day, about 3 of the Clock in the afternoon, in 23 degrees of ♌, but cannot be seen in *England*, the Sun being above the Earth.

The third Eclipse is of the Moon also, upon *July* the 28 day, at 8 of the Clock beforenoon: It is celebrated in 14 degrees of ♒, but cannot be seen in *England*.

A brief Description of the Planets Motions, Magnitudes and Distances.

IT is not here my intended purpose, to treat of the excellency and validity of the Hypothesis of *Copernicus*, or how, and in what manner it salves all kind of Phænomena; yet because it's most probable, and the verity thereof is generally granted by all the most Learned, and Chief Astronomers of this Age: I shall briefly shew how the Planets are moved, what is the cause of their Directions, Retrogradations, and Stationary Appearances; and lastly how their Distance and Magnitudes are discovered.

That the Sun is the Centre of the Planetary System is a Tenet in Astronomy very clear, as may be seen by those undeniable demonstrations in *Astronomia Britannica*; and so the Earth being placed between the Orbs of ♂ and ♀, (having both its place and annual motion answerable to that which the Antients attributed to the Sun) there from thence ariseth all those admired motions, Phænomena, and different situations that are observable in, and amongst those Bodies, which we call the Planets, the three uppermost whereof, ♄, ♃ and ♂, are always found by observation to be neareſt the Earth, when in ☌ to ☉, and farthest from it, when in ☍ with him, insomuch that ♂ when he is

Perig.

Perig. or in ☌ to ☉, appears about 60 times bigger then when he is in ☌ with him, his Parallax being then greater then ordinary, from whence we may conclude that his Orb doth contain our Terrene Orb within it, and that the Earth is not the Centre of his Orb, but the Sun. But it is something otherwise in the inferior Planets, because their Orbs are contained within the Earths Orb, and therefore can never appear to us at the Earth, neither in ☐, or ☌ of ☉, for they can depart no farther from him, then their Orbs can give them leave, yet Observations tell us, that there is a just proportion between the bigness of the Orbs, and the time of their motions; *Aristotle* averrs, *Lib. 2. de Cœlo, cap.* 10. that it is very agreeable to reason, that the time appointed for the Revolutions of each Orb should be proportionable to its amplitude.

Thus we see that the Orb of ☿, which is but 38240 parts in Semidiameter, is of all the primary Planets most quick in motion, running its course about the Sun in 88 days. His greatest elongation from the Sun is seldom 28 degrees, though sometimes it is not above 17 degrees. The apparent Semidiameter of his body is scarce 10 seconds, and therefore it follows, that he is about 2800 times less then the Earth.

When he is in ☌ with ☉, in the lower part of his Orb, he appears to us at the Earth, Retrograde, and the reason thereof is, because the Earth is placed without the Perimeter of his Orbite, which is excentrical to the Sun.

This Planet is then neareſt the Earth, and is distant from it 1760 parts; but when he is in ☍ with ☉ in the higher part of his Orb, he seems direct and swift in motion, being distant from the Sun 138240 such parts, whereas the Radius of the Earths Orb is 100000.

Next above ☿ is the Sphære and bright Star of ♀, who performeth her Revolution in 225 days. Her greatest elongation from the Sun (as the appearance is here at the Earth) is never above 47 degr. her apparent Semidiameter is 26 seconds, and her mean distance from the Sun 72405. hence her true Semidiameter is 12 parts, whereby it follows that she is about 157 times lesser than the Earth.

When

When she is in the lower part of her Orb retrograde, and in ☌ with ☉, she is elongated from us but 27505 parts, but when she is in ☌ with him in the higher part, appearing Retrograde to us, she is distant 172405 of the same parts.

Above ☿ is placed the Earth, who maketh but one Revolution in 365 days, 5 hours, 49 min. so that in a day the Earth is not moved a whole degree, which being duly applied to the different motions of all the other planetary Bodies, maketh them (in their several Circles) to appear both Direct, Retrograde and Stationary, sometime to be near the Earth, and sometime again far remote, upon which account it is that ♂ seems about 60 times greater in his Perig. than in his Apog. and ♀ about 40 times, and from thence it follows, that the Earth is not the Center of their Orbs. And this may serve to convince our Antagonists of the excellency and verity of this Hypothesis, were there no greater Arguments to prove it, but so forcible are these demonstrations, that they are able to silence our greatest Opponents.

The next in order is the Orb and Star of ♂, who accomplisheth one Revolution about the Sun in 687 days. The apparent Semidiameter of his Body (in his mean distance) is 18 sec. and the true almost 15. whereby according to cubical proportion, his Body is less than the Earth 150 times.

When he is in ☍ to ☉, the Earth interposeth her body between them, and he is then removed from the Earth but 52040, but when he is in ☌ with ☉, the Sun is then interposed between the Earth and him, and he is then distant from us 252040 such parts, whereof the Radius of the annual Orb is 100000, which is the reason that his Parallax and visible magnitude is so exceedingly greater in his Perig. than in his Apog. as those that are Artists do both observe and know.

The next is the Star of ♃, who runs his period about the Sun in 4332 days, in which space he suffers no less than 12 Retrogradations, not really inherent in his motion, but is caused by the motion and situation of our earthly Ball. The apparent Semidiameter of his body is 25 seconds, the true 61. so that he is one time less than the Earth.

His distance from us in his ☍ to ☉ is 419500 parts, but in his ☌ with him he is distant 619500, insomuch that he

also

also appears greater by far in his Opposition, than he doth elsewhere.

Lastly, the Star of ♄ is the highest of all the Planets, & runs his course but once in 10759 days about his center, his apperent Semidiameter is 18 seconds and an half, so that he is almost twice greater than the whole Earth.

His mean distance is 95250 parts, but when he is in ☍ to ☉, he is nearer us, and farthest removed when in ☌ with him; yet because his distance from the Earth is great, there is not so much alteration and change in his visible magnitude, as in those Planets that are nearer, and especially in those placed next the Earth, as ♂ and ♀.

I shall not here speak of the Moon (who is the Earths Planet) nor of the other Secondary Planets, that wheel about ♄ and ♃, neither can I here for want of room, but this I dare maintain against the greatest Enemies thereof, that its most agreeable to reason, and answerable in all respects to the exactest Observations and appearances.

Thus having fill'd my small Volumn, with such requisits as I think are most necessary for a work of this nature, which now must take its chance in the World, and there perhaps meet with the hard censure of the snarling Critick, and such as wallow in the mire of Malice mixt with Ignorance, as condemning that they perhaps never understood, nor never took the pains to know; but these, the Author hereof can easily dispence with, being no better way than to value them as smoak, and then bury them in the ashes of oblivion; but the honest, ingenious, and well meaning men it is, that this my Book may find the courteous acceptance of, whom I have studied to serve, in this my Annual Labors, and (God willing) shall do whilst life lasteth, and do really wish them as much pleasure and profit in the perusing of it, as I my self pains in the composition thereof; thus taking my leave for this time, I remain a friend to all Ingenious and Industrious Persons.

North-Luffenham
May 3. 1682.

John Wing.

FINIS.